



KEYSTONE CERTIFICATIONS, INC.
 564 OLD YORK ROAD, SUITE 5
 ETTERS, PA 17319 / PHONE 717-932-8500

Notice of Product Certification Authorization

National Fenestration Rating Council

Issued To:

Manufacturer: Earthwise Group, LLC.
 Address: 5796 Cedarview Court
 Liberty Township OH 05044
 Man'f Code EWG
 Cert Date: 7/11/2011

Certification Number

8102

Product Line Number

EWG - K - 054

Revision Date

2/21/2012

The Following NFRC Product Line Has Been Authorized For Certification:

Model / Series: 059.057/259.057 Patio Door
 Operator Type: DDSG
 Frame Type: VI,VF
 Sash Type: VV
 Exp. Date: 6/2/2014

Ratings Authorized For Certification:

Rating	Property	Authorized
NFRC 100	U-factor	<input checked="" type="checkbox"/>
NFRC 200	Solar Heat Gain Coefficient	<input checked="" type="checkbox"/>
NFRC 200	Visible Light	<input checked="" type="checkbox"/>
NFRC 400	Air Leakage	<input type="checkbox"/>
NFRC 500	Condensation Resistance	<input checked="" type="checkbox"/>

Fenestration products are not NFRC Certified unless manufactured and labeled in accordance with the current version of NFRC-700, Product Certification Program requirements.

Attached are the Certification Authorization Reports printed from the NFRC database.

The Manufacturer is authorized to label the options listed in the reports.

Please notify Keystone of any errors or omissions within 10 days of receipt.

Due diligence was used in authorizing these products for certification. By accepting this report the licensee agrees to hold harmless and indemnify Keystone Certifications, Inc. from all claims or liabilities which may arise based on this certification authorization. Certification authorization is based on NFRC program requirements and simulation and test reports from accredited laboratories.

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC

Product Series: 059.057 / 259.057 Patio Door

Simulation Lab: SATI

Initial Cert. Date: 07/11/2011

Street: 5796 Cedarview Court

Product Type: DDSG

Sim. Report #: A0761.02-116-45 R1

Re-Certification Date:

City/State/Zip: Liberty Township, OH 45044

Air Leakage:

Sim. Report Date: 07/07/2011

Revised Date: 10/20/2011

Print Date: 02/21/2012

Test Date: 06/02/2010

Expiration Date: 06/02/2014

CPD Number: EWG-K-54 **IA:** Keystone Certifications, Inc.

Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00001-00001	clr/air/clr - ds - 0.75"	VI/VV	2		0.500	OF-S	Fill 1: AIR (100)	N		CL	0.46	0.62	0.66	44
	00001-00002	clr/air/clr - ds - 0.75"	VI/VV	2		0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.46	0.55	0.58	44
	00002-00001	clr/air/SB70 - ds- 0.75"	VI/VV	2	0.018(3)	0.500	OF-S	Fill 1: AIR (100)	N		CL	0.31	0.31	0.52	56
	00002-00002	clr/air/SB70 - ds- 0.75"	VI/VV	2	0.018(3)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.31	0.27	0.46	56
	00003-00001	clr/arg95/SB70 - ds - 0.75"	VI/VV	2	0.018(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		CL	0.27	0.31	0.52	59
	00003-00002	clr/arg95/SB70 - ds - 0.75"	VI/VV	2	0.018(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.27	0.28	0.46	59
	00004-00001	foam fill - clr/arg95/SB70 - ds - 0.75"	VF/VF	2	0.018(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		CL	0.25	0.31	0.52	64
	00004-00002	foam fill - clr/arg95/SB70 - ds - 0.75"	VF/VF	2	0.018(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.25	0.28	0.46	64
	00005-00001	059.057: AWG: clr / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	CU-D	Fill 1: AIR (100)	N		CL	0.46	0.62	0.66	41
	00005-00002	059.057: AWG: clr / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.46	0.55	0.58	41
	00005-00003	059.057: AWG: brz / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	CU-D	Fill 1: AIR (100)	N		BZ	0.46	0.51	0.49	41
	00005-00004	059.057: AWG: brz / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.46	0.45	0.43	41
	00005-00005	059.057: AWG: gry / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	CU-D	Fill 1: AIR (100)	N		GY	0.46	0.47	0.44	41
	00005-00006	059.057: AWG: gry / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.46	0.42	0.39	41
	00006-00001	059.057: AWG: SB60 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.32	0.32	0.59	51
	00006-00002	059.057: AWG: SB60 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.32	0.28	0.52	51
	00007-00001	059.057: AWG: SB70 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.32	0.23	0.52	52
	00007-00002	059.057: AWG: SB70 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.32	0.20	0.46	52
	00008-00001	059.057: AWG: 63/31 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.32	0.26	0.52	52

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54														IA: Keystone Certifications, Inc.		
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00008-00002	059.057: AWG: 63/31 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.32	0.23	0.45	52	
	00009-00001	059.057: AWG: 70/36 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.32	0.27	0.52	51	
	00009-00002	059.057: AWG: 70/36 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.32	0.24	0.46	51	
	00010-00001	059.057: AWG: SB60 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.28	0.32	0.59	54	
	00010-00002	059.057: AWG: SB60 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.28	0.28	0.52	54	
	00010-00003	059.057: AWG: brz / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	N		BZ	0.28	0.30	0.44	54	
	00010-00004	059.057: AWG: brz / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.28	0.27	0.38	54	
	00010-00005	059.057: AWG: gry / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	N		GY	0.28	0.28	0.39	54	
	00010-00006	059.057: AWG: gry / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	G	0.75	GY	0.28	0.25	0.35	54	
	00011-00001	059.057: AWG: SB70 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.28	0.22	0.52	55	
	00011-00002	059.057: AWG: SB70 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.28	0.20	0.46	55	
	00011-00003	059.057: AWG: brz / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	N		BZ	0.28	0.25	0.39	55	
	00011-00004	059.057: AWG: brz / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.28	0.22	0.34	55	
	00011-00005	059.057: AWG: gry / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	N		GY	0.28	0.23	0.35	55	
	00011-00006	059.057: AWG: gry / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	G	0.75	GY	0.28	0.21	0.31	55	
	00012-00001	059.057: AWG: 70/36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.28	0.27	0.52	54	
	00012-00002	059.057: AWG: 70/36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.28	0.24	0.46	54	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54														IA: Keystone Certifications, Inc.		
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00012-00003	059.057: AWG: brz / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	N		BZ	0.28	0.29	0.38	54	
	00012-00004	059.057: AWG: brz / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.28	0.26	0.34	54	
	00012-00005	059.057: AWG: gry / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	N		GY	0.28	0.28	0.35	54	
	00012-00006	059.057: AWG: gry / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	G	0.75	GY	0.28	0.25	0.30	54	
	00013-00001	059.057: AWG: 63/31 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.28	0.26	0.52	55	
	00013-00002	059.057: AWG: 63/31 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.28	0.23	0.45	55	
	00013-00003	059.057: AWG: brz / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	N		BZ	0.28	0.29	0.38	55	
	00013-00004	059.057: AWG: brz / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.28	0.26	0.33	55	
	00013-00005	059.057: AWG: gry / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	N		GY	0.28	0.27	0.34	55	
	00013-00006	059.057: AWG: gry / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	CU-D	Fill 1: ARG/AIR (95/5)	G	0.75	GY	0.28	0.24	0.30	55	
	00014-00001	059.057: AWG: SB60 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	N		CL	0.27	0.31	0.59	56	
	00014-00002	059.057: AWG: SB60 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	G	0.75	CL	0.27	0.28	0.52	56	
	00014-00003	059.057: AWG: brz / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	N		BZ	0.27	0.30	0.44	56	
	00014-00004	059.057: AWG: brz / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	G	0.75	BZ	0.27	0.27	0.38	56	
	00014-00005	059.057: AWG: gry / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	N		GY	0.27	0.28	0.39	56	
	00014-00006	059.057: AWG: gry / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	G	0.75	GY	0.27	0.25	0.35	56	
	00015-00001	059.057: AWG: SB70 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	N		CL	0.27	0.22	0.52	57	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00015-00002	059.057: AWG: SB70 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	G	0.75	CL	0.27	0.20	0.46	57	
	00015-00003	059.057: AWG: brz / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	N		BZ	0.27	0.25	0.39	57	
	00015-00004	059.057: AWG: brz / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	G	0.75	BZ	0.27	0.22	0.34	57	
	00015-00005	059.057: AWG: gry / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	N		GY	0.27	0.23	0.35	57	
	00015-00006	059.057: AWG: gry / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	G	0.75	GY	0.27	0.21	0.31	57	
	00016-00001	059.057: AWG: 70/36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	N		CL	0.27	0.26	0.52	56	
	00016-00002	059.057: AWG: 70/36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	G	0.75	CL	0.27	0.23	0.46	56	
	00016-00003	059.057: AWG: brz / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	N		BZ	0.27	0.29	0.38	56	
	00016-00004	059.057: AWG: brz / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	G	0.75	BZ	0.27	0.26	0.34	56	
	00016-00005	059.057: AWG: gry / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	N		GY	0.27	0.27	0.35	56	
	00016-00006	059.057: AWG: gry / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	G	0.75	GY	0.27	0.24	0.30	56	
	00017-00001	059.057: AWG: 63/31 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	N		CL	0.27	0.25	0.52	56	
	00017-00002	059.057: AWG: 63/31 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	G	0.75	CL	0.27	0.23	0.45	56	
	00017-00003	059.057: AWG: brz / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	N		BZ	0.27	0.29	0.38	56	
	00017-00004	059.057: AWG: brz / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	G	0.75	BZ	0.27	0.25	0.33	56	
	00017-00005	059.057: AWG: gry / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	N		GY	0.27	0.27	0.34	56	
	00017-00006	059.057: AWG: gry / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	CU-D	Fill 1: KRY/AIR (95/5)	G	0.75	GY	0.27	0.24	0.30	56	

NFRC Product Certification Authorization Report



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Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
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CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00018-00001	059.057: AWG: clr / air / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3		0.250,0.250	CU-D	Fill 1: AIR (100), Fill 2: AIR (100)	N		CL	0.39	0.55	0.60	49	
	00019-00001	059.057: AWG: clr / air / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3		0.250,0.250	CU-D	Fill 1: AIR (100), Fill 2: AIR (100)	G	0.75	CL	0.40	0.49	0.53	49	
	00020-00001	059.057: AWG: SB60 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		CL	0.29	0.29	0.53	56	
	00020-00002	059.057: AWG: brz / arg / clr / arg / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		BZ	0.29	0.29	0.40	56	
	00020-00003	059.057: AWG: gry / arg / clr / arg / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		GY	0.29	0.28	0.36	56	
	00021-00001	059.057: AWG: SB60 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.30	0.26	0.47	56	
	00021-00002	059.057: AWG: brz / arg / clr / arg / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	BZ	0.30	0.26	0.35	56	
	00021-00003	059.057: AWG: gry / arg / clr / arg / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	GY	0.30	0.25	0.31	56	
	00022-00001	059.057: AWG: SB60 / arg / clr / arg / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2),0.035(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		CL	0.25	0.27	0.47	60	
	00023-00001	059.057: AWG: SB60 / arg / clr / arg / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2),0.035(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.25	0.24	0.42	60	
	00024-00001	059.057: AWG: SB70 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		CL	0.29	0.21	0.47	57	
	00024-00002	059.057: AWG: brz / arg / clr / arg / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		BZ	0.29	0.25	0.35	57	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00024-00003	059.057: AWG: gry / arg / clr / arg / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		GY	0.29	0.23	0.32	57	
	00025-00001	059.057: AWG: SB70 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.30	0.19	0.42	57	
	00025-00002	059.057: AWG: brz / arg / clr / arg / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	BZ	0.30	0.22	0.31	57	
	00025-00003	059.057: AWG: gry / arg / clr / arg / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	GY	0.30	0.21	0.28	57	
	00026-00001	059.057: AWG: SB70 / arg / clr / arg / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		CL	0.24	0.20	0.37	60	
	00027-00001	059.057: AWG: SB70 / arg / clr / arg / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.25	0.18	0.33	60	
	00028-00001	059.057: AWG: 70/36 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		CL	0.29	0.28	0.52	56	
	00028-00002	059.057: AWG: brz / arg / clr / arg / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		BZ	0.29	0.29	0.38	56	
	00028-00003	059.057: AWG: gry / arg / clr / arg / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		GY	0.29	0.27	0.34	56	
	00029-00001	059.057: AWG: 70/36 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.30	0.25	0.45	56	
	00029-00002	059.057: AWG: brz / arg / clr / arg / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	BZ	0.30	0.26	0.34	56	
	00029-00003	059.057: AWG: gry / arg / clr / arg / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	GY	0.30	0.24	0.30	56	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00030-00001	059.057: AWG: 70/36 / arg / clr / arg / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	N		CL	0.25	0.26	0.44	60	
	00031-00001	059.057: AWG: 70/36 / arg / clr / arg / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.25	0.23	0.38	60	
	00032-00001	059.057: AWG: 63/31 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	N		CL	0.29	0.24	0.47	57	
	00032-00002	059.057: AWG: brz / arg / clr / arg / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	N		BZ	0.29	0.28	0.35	57	
	00032-00003	059.057: AWG: gry / arg / clr / arg / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	N		GY	0.29	0.26	0.31	57	
	00033-00001	059.057: AWG: 63/31 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.30	0.22	0.41	57	
	00033-00002	059.057: AWG: brz / arg / clr / arg / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	G	0.75	BZ	0.30	0.25	0.31	57	
	00033-00003	059.057: AWG: gry / arg / clr / arg / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	G	0.75	GY	0.30	0.23	0.28	57	
	00034-00001	059.057: AWG: 63/31 / arg / clr / arg / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	N		CL	0.24	0.22	0.36	60	
	00035-00001	059.057: AWG: 63/31 / arg / clr / arg / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026(5)	0.250,0.250	CU-D	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.25	0.20	0.32	60	
	00036-00001	059.057: AWG: SB60 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5),Fill 2: KRY/AIR (95/5)	N		CL	0.23	0.29	0.53	60	
	00036-00002	059.057: AWG: brz / kry / clr / kry / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5),Fill 2: KRY/AIR (95/5)	N		BZ	0.23	0.29	0.40	60	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00036-00003	059.057: AWG: gry / kry / clr / kry / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		GY	0.23	0.27	0.36	60	
	00037-00001	059.057: AWG: SB60 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.25	0.26	0.47	60	
	00037-00002	059.057: AWG: brz / kry / clr / kry / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	BZ	0.25	0.25	0.35	60	
	00037-00003	059.057: AWG: gry / kry / clr / kry / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	GY	0.25	0.24	0.31	60	
	00038-00001	059.057: AWG: SB60 / kry / clr / kry / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2),0.035(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		CL	0.19	0.27	0.47	61	
	00039-00001	059.057: AWG: SB60 / kry / clr / kry / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2),0.035(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.20	0.24	0.42	61	
	00040-00001	059.057: AWG: SB70 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		CL	0.23	0.21	0.47	60	
	00040-00002	059.057: AWG: brz / kry / clr / kry / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		BZ	0.23	0.24	0.35	60	
	00040-00003	059.057: AWG: gry / kry / clr / kry / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		GY	0.23	0.22	0.32	60	
	00041-00001	059.057: AWG: SB70 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.24	0.19	0.42	60	
	00041-00002	059.057: AWG: brz / kry / clr / kry / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	BZ	0.24	0.21	0.31	60	
	00041-00003	059.057: AWG: gry / kry / clr / kry / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	GY	0.24	0.20	0.28	60	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00042-00001	059.057: AWG: SB70 / kry / clr / kry / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5),Fill 2: KRY/AIR (95/5)	N		CL	0.19	0.19	0.37	62	
	00043-00001	059.057: AWG: SB70 / kry / clr / kry / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5),Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.19	0.17	0.33	62	
	00044-00001	059.057: AWG: 70/36 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5),Fill 2: KRY/AIR (95/5)	N		CL	0.23	0.28	0.52	60	
	00044-00002	059.057: AWG: brz / kry / clr / kry / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5),Fill 2: KRY/AIR (95/5)	N		BZ	0.23	0.28	0.38	60	
	00044-00003	059.057: AWG: gry / kry / clr / kry / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5),Fill 2: KRY/AIR (95/5)	N		GY	0.23	0.26	0.34	60	
	00045-00001	059.057: AWG: 70/36 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5),Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.25	0.25	0.45	60	
	00045-00002	059.057: AWG: brz / kry / clr / kry / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5),Fill 2: KRY/AIR (95/5)	G	0.75	BZ	0.25	0.25	0.34	60	
	00045-00003	059.057: AWG: gry / kry / clr / kry / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5),Fill 2: KRY/AIR (95/5)	G	0.75	GY	0.25	0.23	0.30	60	
	00046-00001	059.057: AWG: 70/36 / kry / clr / kry / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5),Fill 2: KRY/AIR (95/5)	N		CL	0.19	0.26	0.44	61	
	00047-00001	059.057: AWG: 70/36 / kry / clr / kry / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5),Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.20	0.23	0.38	61	
	00048-00001	059.057: AWG: 63/31 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5),Fill 2: KRY/AIR (95/5)	N		CL	0.23	0.24	0.47	60	
	00048-00002	059.057: AWG: brz / kry / clr / kry / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5),Fill 2: KRY/AIR (95/5)	N		BZ	0.23	0.27	0.35	60	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00048-00003	059.057: AWG: gry / kry / clr / kry / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		GY	0.23	0.25	0.31	60	
	00049-00001	059.057: AWG: 63/31 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.25	0.21	0.41	60	
	00049-00002	059.057: AWG: brz / kry / clr / kry / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	BZ	0.25	0.24	0.31	60	
	00049-00003	059.057: AWG: gry / kry / clr / kry / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	GY	0.25	0.23	0.28	60	
	00050-00001	059.057: AWG: 63/31 / kry / clr / kry / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		CL	0.19	0.22	0.36	62	
	00051-00001	059.057: AWG: 63/31 / kry / clr / kry / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026(5)	0.250,0.250	CU-D	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.19	0.19	0.32	62	
	00052-00001	059.057: AWG: clr / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	OF-S	Fill 1: AIR (100)	N		CL	0.46	0.62	0.66	43	
	00052-00002	059.057: AWG: clr / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.46	0.55	0.58	43	
	00052-00003	059.057: AWG: brz / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	OF-S	Fill 1: AIR (100)	N		BZ	0.46	0.51	0.49	43	
	00052-00004	059.057: AWG: brz / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.46	0.45	0.43	43	
	00052-00005	059.057: AWG: gry / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	OF-S	Fill 1: AIR (100)	N		GY	0.46	0.47	0.44	43	
	00052-00006	059.057: AWG: gry / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.46	0.42	0.39	43	
	00053-00001	059.057: AWG: SB60 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	OF-S	Fill 1: AIR (100)	N		CL	0.31	0.32	0.59	55	
	00053-00002	059.057: AWG: SB60 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.31	0.28	0.52	55	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00054-00001	059.057: AWG: SB70 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	OF-S	Fill 1: AIR (100)	N		CL	0.31	0.23	0.52	55	
	00054-00002	059.057: AWG: SB70 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.31	0.20	0.46	55	
	00055-00001	059.057: AWG: 63/31 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	OF-S	Fill 1: AIR (100)	N		CL	0.31	0.26	0.52	55	
	00055-00002	059.057: AWG: 63/31 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.31	0.23	0.45	55	
	00056-00001	059.057: AWG: 70/36 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	OF-S	Fill 1: AIR (100)	N		CL	0.31	0.27	0.52	55	
	00056-00002	059.057: AWG: 70/36 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.31	0.24	0.46	55	
	00057-00001	059.057: AWG: SB60 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		CL	0.28	0.32	0.59	58	
	00057-00002	059.057: AWG: SB60 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.28	0.28	0.52	58	
	00057-00003	059.057: AWG: brz / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		BZ	0.28	0.30	0.44	58	
	00057-00004	059.057: AWG: brz / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.28	0.27	0.38	58	
	00057-00005	059.057: AWG: gry / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		GY	0.28	0.28	0.39	58	
	00057-00006	059.057: AWG: gry / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	GY	0.28	0.25	0.35	58	
	00058-00001	059.057: AWG: SB70 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		CL	0.27	0.22	0.52	59	
	00058-00002	059.057: AWG: SB70 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.27	0.20	0.46	59	
	00058-00003	059.057: AWG: brz / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		BZ	0.27	0.25	0.39	59	
	00058-00004	059.057: AWG: brz / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.27	0.22	0.34	59	
	00058-00005	059.057: AWG: gry / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		GY	0.27	0.23	0.35	59	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00058-00006	059.057: AWG: gry / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	GY	0.27	0.21	0.31	59	
	00059-00001	059.057: AWG: 70/36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		CL	0.28	0.27	0.52	58	
	00059-00002	059.057: AWG: 70/36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.28	0.24	0.46	58	
	00059-00003	059.057: AWG: brz / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		BZ	0.28	0.29	0.38	58	
	00059-00004	059.057: AWG: brz / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.28	0.26	0.34	58	
	00059-00005	059.057: AWG: gry / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		GY	0.28	0.28	0.35	58	
	00059-00006	059.057: AWG: gry / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	GY	0.28	0.25	0.30	58	
	00060-00001	059.057: AWG: 63/31 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		CL	0.27	0.26	0.52	59	
	00060-00002	059.057: AWG: 63/31 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.27	0.23	0.45	59	
	00060-00003	059.057: AWG: brz / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		BZ	0.27	0.29	0.38	59	
	00060-00004	059.057: AWG: brz / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.27	0.26	0.33	59	
	00060-00005	059.057: AWG: gry / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		GY	0.27	0.27	0.34	59	
	00060-00006	059.057: AWG: gry / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	GY	0.27	0.24	0.30	59	
	00061-00001	059.057: AWG: SB60 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	N		CL	0.26	0.31	0.59	61	
	00061-00002	059.057: AWG: SB60 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	G	0.75	CL	0.26	0.28	0.52	61	
	00061-00003	059.057: AWG: brz / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	N		BZ	0.26	0.30	0.44	61	
	00061-00004	059.057: AWG: brz / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	G	0.75	BZ	0.26	0.27	0.38	61	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54			IA: Keystone Certifications, Inc.												
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00061-00005	059.057: AWG: gry / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	N		GY	0.26	0.28	0.39	61
	00061-00006	059.057: AWG: gry / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	G	0.75	GY	0.26	0.25	0.35	61
	00062-00001	059.057: AWG: SB70 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	N		CL	0.26	0.22	0.52	61
	00062-00002	059.057: AWG: SB70 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	G	0.75	CL	0.26	0.20	0.46	61
	00062-00003	059.057: AWG: brz / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	N		BZ	0.26	0.25	0.39	61
	00062-00004	059.057: AWG: brz / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	G	0.75	BZ	0.26	0.22	0.34	61
	00062-00005	059.057: AWG: gry / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	N		GY	0.26	0.23	0.35	61
	00062-00006	059.057: AWG: gry / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	G	0.75	GY	0.26	0.21	0.31	61
	00063-00001	059.057: AWG: 70/36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	N		CL	0.26	0.26	0.52	60
	00063-00002	059.057: AWG: 70/36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	G	0.75	CL	0.26	0.23	0.46	60
	00063-00003	059.057: AWG: brz / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	N		BZ	0.26	0.29	0.38	60
	00063-00004	059.057: AWG: brz / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	G	0.75	BZ	0.26	0.26	0.34	60
	00063-00005	059.057: AWG: gry / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	N		GY	0.26	0.27	0.35	60
	00063-00006	059.057: AWG: gry / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	G	0.75	GY	0.26	0.24	0.30	60
	00064-00001	059.057: AWG: 63/31 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	N		CL	0.26	0.25	0.52	61
	00064-00002	059.057: AWG: 63/31 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	G	0.75	CL	0.26	0.23	0.45	61
	00064-00003	059.057: AWG: brz / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	N		BZ	0.26	0.29	0.38	61

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00064-00004	059.057: AWG: brz / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	G	0.75	BZ	0.26	0.25	0.33	61	
	00064-00005	059.057: AWG: gry / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	N		GY	0.26	0.27	0.34	61	
	00064-00006	059.057: AWG: gry / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	OF-S	Fill 1: KRY/AIR (95/5)	G	0.75	GY	0.26	0.24	0.30	61	
	00065-00001	059.057: AWG: clr / air / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3		0.250,0.250	OF-S	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.38	0.55	0.60	51	
	00066-00001	059.057: AWG: clr / air / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3		0.250,0.250	OF-S	Fill 1: AIR (100),Fill 2: AIR (100)	G	0.75	CL	0.39	0.49	0.53	51	
	00067-00001	059.057: AWG: SB60 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	N		CL	0.28	0.29	0.53	60	
	00067-00002	059.057: AWG: brz / arg / clr / arg / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	N		BZ	0.28	0.29	0.40	60	
	00067-00003	059.057: AWG: gry / arg / clr / arg / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	N		GY	0.28	0.28	0.36	60	
	00068-00001	059.057: AWG: SB60 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.30	0.26	0.47	60	
	00068-00002	059.057: AWG: brz / arg / clr / arg / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	G	0.75	BZ	0.30	0.26	0.35	60	
	00068-00003	059.057: AWG: gry / arg / clr / arg / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	G	0.75	GY	0.30	0.25	0.31	60	
	00069-00001	059.057: AWG: SB60 / arg / clr / arg / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2),0.035(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	N		CL	0.24	0.27	0.47	63	
	00070-00001	059.057: AWG: SB60 / arg / clr / arg / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2),0.035(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5),Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.25	0.24	0.42	63	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00071-00001	059.057: AWG: SB70 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		CL	0.28	0.21	0.47	60	
	00071-00002	059.057: AWG: brz / arg / clr / arg / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		BZ	0.28	0.25	0.35	60	
	00071-00003	059.057: AWG: gry / arg / clr / arg / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		GY	0.28	0.23	0.32	60	
	00072-00001	059.057: AWG: SB70 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.30	0.19	0.42	60	
	00072-00002	059.057: AWG: brz / arg / clr / arg / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	BZ	0.30	0.22	0.31	60	
	00072-00003	059.057: AWG: gry / arg / clr / arg / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	GY	0.30	0.21	0.28	60	
	00073-00001	059.057: AWG: SB70 / arg / clr / arg / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		CL	0.23	0.20	0.37	63	
	00074-00001	059.057: AWG: SB70 / arg / clr / arg / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.24	0.18	0.33	63	
	00075-00001	059.057: AWG: 70/36 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		CL	0.28	0.28	0.52	60	
	00075-00002	059.057: AWG: brz / arg / clr / arg / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		BZ	0.28	0.29	0.38	60	
	00075-00003	059.057: AWG: gry / arg / clr / arg / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		GY	0.28	0.27	0.34	60	
	00076-00001	059.057: AWG: 70/36 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.30	0.25	0.45	60	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00076-00002	059.057: AWG: brz / arg / clr / arg / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	BZ	0.30	0.26	0.34	60	
	00076-00003	059.057: AWG: gry / arg / clr / arg / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	GY	0.30	0.24	0.30	60	
	00077-00001	059.057: AWG: 70/36 / arg / clr / arg / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		CL	0.24	0.26	0.44	63	
	00078-00001	059.057: AWG: 70/36 / arg / clr / arg / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.25	0.23	0.38	63	
	00079-00001	059.057: AWG: 63/31 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		CL	0.28	0.24	0.47	60	
	00079-00002	059.057: AWG: brz / arg / clr / arg / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		BZ	0.28	0.28	0.35	60	
	00079-00003	059.057: AWG: gry / arg / clr / arg / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		GY	0.28	0.26	0.31	60	
	00080-00001	059.057: AWG: 63/31 / arg / clr / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.30	0.22	0.41	60	
	00080-00002	059.057: AWG: brz / arg / clr / arg / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	BZ	0.30	0.25	0.31	60	
	00080-00003	059.057: AWG: gry / arg / clr / arg / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	GY	0.30	0.23	0.28	60	
	00081-00001	059.057: AWG: 63/31 / arg / clr / arg / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	N		CL	0.24	0.22	0.36	63	
	00082-00001	059.057: AWG: 63/31 / arg / clr / arg / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026(5)	0.250,0.250	OF-S	Fill 1: ARG/AIR (95/5), Fill 2: ARG/AIR (95/5)	G	0.75	CL	0.25	0.20	0.32	63	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00083-00001	059.057: AWG: SB60 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		CL	0.23	0.29	0.53	63	
	00083-00002	059.057: AWG: brz / kry / clr / kry / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		BZ	0.23	0.29	0.40	63	
	00083-00003	059.057: AWG: gry / kry / clr / kry / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		GY	0.23	0.27	0.36	63	
	00084-00001	059.057: AWG: SB60 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.24	0.26	0.47	63	
	00084-00002	059.057: AWG: brz / kry / clr / kry / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	BZ	0.24	0.25	0.35	63	
	00084-00003	059.057: AWG: gry / kry / clr / kry / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	GY	0.24	0.24	0.31	63	
	00085-00001	059.057: AWG: SB60 / kry / clr / kry / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2),0.035(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		CL	0.18	0.27	0.47	63	
	00086-00001	059.057: AWG: SB60 / kry / clr / kry / SB60 - (DS/DS/DS) 7/8"	VI/VV	3	0.035(2),0.035(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.19	0.24	0.42	63	
	00087-00001	059.057: AWG: SB70 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		CL	0.22	0.21	0.47	63	
	00087-00002	059.057: AWG: brz / kry / clr / kry / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		BZ	0.22	0.24	0.35	63	
	00087-00003	059.057: AWG: gry / kry / clr / kry / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		GY	0.22	0.22	0.32	63	
	00088-00001	059.057: AWG: SB70 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.24	0.19	0.42	63	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00088-00002	059.057: AWG: brz / kry / clr / kry / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	BZ	0.24	0.21	0.31	63	
	00088-00003	059.057: AWG: gry / kry / clr / kry / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	GY	0.24	0.20	0.28	63	
	00089-00001	059.057: AWG: SB70 / kry / clr / kry / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		CL	0.18	0.19	0.37	63	
	00090-00001	059.057: AWG: SB70 / kry / clr / kry / SB70 - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.18	0.17	0.33	63	
	00091-00001	059.057: AWG: 70/36 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		CL	0.23	0.28	0.52	63	
	00091-00002	059.057: AWG: brz / kry / clr / kry / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		BZ	0.23	0.28	0.38	63	
	00091-00003	059.057: AWG: gry / kry / clr / kry / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		GY	0.23	0.26	0.34	63	
	00092-00001	059.057: AWG: 70/36 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.24	0.25	0.45	63	
	00092-00002	059.057: AWG: brz / kry / clr / kry / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	BZ	0.24	0.25	0.34	63	
	00092-00003	059.057: AWG: gry / kry / clr / kry / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	GY	0.24	0.23	0.30	63	
	00093-00001	059.057: AWG: 70/36 / kry / clr / kry / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		CL	0.18	0.26	0.44	63	
	00094-00001	059.057: AWG: 70/36 / kry / clr / kry / 70/36 - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.19	0.23	0.38	63	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00095-00001	059.057: AWG: 63/31 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		CL	0.22	0.24	0.47	63	
	00095-00002	059.057: AWG: brz / kry / clr / kry / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		BZ	0.22	0.27	0.35	63	
	00095-00003	059.057: AWG: gry / kry / clr / kry / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		GY	0.22	0.25	0.31	63	
	00096-00001	059.057: AWG: 63/31 / kry / clr / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.24	0.21	0.41	63	
	00096-00002	059.057: AWG: brz / kry / clr / kry / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	BZ	0.24	0.24	0.31	63	
	00096-00003	059.057: AWG: gry / kry / clr / kry / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	GY	0.24	0.23	0.28	63	
	00097-00001	059.057: AWG: 63/31 / kry / clr / kry / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	N		CL	0.18	0.22	0.36	63	
	00098-00001	059.057: AWG: 63/31 / kry / clr / kry / 63/31 - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026(5)	0.250,0.250	OF-S	Fill 1: KRY/AIR (95/5), Fill 2: KRY/AIR (95/5)	G	0.75	CL	0.19	0.19	0.32	63	
	00099-00001	259.057: Tri-State: clr / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	OF-S	Fill 1: AIR (100)	N		CL	0.46	0.62	0.66	43	
	00099-00002	259.057: Tri-State: clr / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.46	0.55	0.58	43	
	00100-00001	259.057: Tri-State: SB70 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	OF-S	Fill 1: AIR (100)	N		CL	0.31	0.23	0.52	55	
	00100-00002	259.057: Tri-State: SB70 / air / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.31	0.20	0.46	55	
	00101-00001	259.057: Tri-State: SB70 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	N		CL	0.27	0.22	0.52	59	
	00101-00002	259.057: Tri-State: SB70 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	OF-S	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.27	0.20	0.46	59	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54															IA: Keystone Certifications, Inc.
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00102-00001	259.057: EW7: clr / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	P1-S	Fill 1: AIR (100)	N		CL	0.46	0.62	0.66	45
	00102-00002	259.057: EW7: clr / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	P1-S	Fill 1: AIR (100)	G	0.75	CL	0.46	0.55	0.58	45
	00103-00001	259.057: EW7: SB60 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.32	0.59	61
	00103-00002	259.057: EW7: SB60 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.28	0.52	61
	00104-00001	059.057: Sprouse: clr / air / clr - (SS/SS) 3/4"	VI/VV	2		0.563	A8-S	Fill 1: AIR (100)	N		CL	0.46	0.64	0.67	43
	00104-00002	059.057: Sprouse: clr / air / clr - (SS/SS) 3/4"	VI/VV	2		0.563	A8-S	Fill 1: AIR (100)	G	0.75	CL	0.46	0.57	0.59	43
	00104-00003	059.057: Sprouse: clr / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	A8-S	Fill 1: AIR (100)	N		CL	0.46	0.62	0.66	43
	00104-00004	059.057: Sprouse: clr / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	A8-S	Fill 1: AIR (100)	G	0.75	CL	0.46	0.55	0.58	43
	00104-00005	059.057: Sprouse: gry / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	A8-S	Fill 1: AIR (100)	N		GY	0.46	0.47	0.44	43
	00104-00006	059.057: Sprouse: gry / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	A8-S	Fill 1: AIR (100)	G	0.75	GY	0.46	0.42	0.39	43
	00104-00007	059.057: Sprouse: brz / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	A8-S	Fill 1: AIR (100)	N		BZ	0.46	0.51	0.49	43
	00104-00008	059.057: Sprouse: brz / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	A8-S	Fill 1: AIR (100)	G	0.75	BZ	0.46	0.45	0.43	43
	00105-00001	059.057: Sprouse: 71/38 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.027(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.32	0.58	57
	00105-00002	059.057: Sprouse: 71/38 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.027(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.28	0.51	57
	00105-00003	059.057: Sprouse: 71/38 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.027(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.32	0.58	57
	00105-00004	059.057: Sprouse: 71/38 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.027(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.28	0.51	57
	00105-00005	059.057: Sprouse: gry / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.29	0.39	57

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00105-00006	059.057: Sprouse: gry / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.26	0.34	57	
	00105-00007	059.057: Sprouse: brz / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.31	0.43	57	
	00105-00008	059.057: Sprouse: brz / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.28	0.37	57	
	00105-00009	059.057: Sprouse: 63/31 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.026(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.26	0.52	57	
	00105-00010	059.057: Sprouse: 63/31 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.026(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.23	0.46	57	
	00105-00011	059.057: Sprouse: 63/31 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.26	0.52	57	
	00105-00012	059.057: Sprouse: 63/31 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.23	0.45	57	
	00105-00013	059.057: Sprouse: gry / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.27	0.34	57	
	00105-00014	059.057: Sprouse: gry / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.24	0.30	57	
	00105-00015	059.057: Sprouse: brz / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.29	0.38	57	
	00105-00016	059.057: Sprouse: brz / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.26	0.33	57	
	00105-00017	059.057: Sprouse: 55/27 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.024(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.23	0.45	57	
	00105-00018	059.057: Sprouse: 55/27 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.024(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.39	57	
	00105-00019	059.057: Sprouse: 55/27 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.024(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.23	0.45	57	
	00105-00020	059.057: Sprouse: 55/27 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.024(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.39	57	
	00105-00021	059.057: Sprouse: gry / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.25	0.30	57	
	00105-00022	059.057: Sprouse: gry / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.23	0.26	57	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00105-00023	059.057: Sprouse: brz / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.27	0.33	57	
	00105-00024	059.057: Sprouse: brz / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.24	0.29	57	
	00105-00025	059.057: Sprouse: E366 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.022(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.22	0.53	57	
	00105-00026	059.057: Sprouse: E366 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.022(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.47	57	
	00105-00027	059.057: Sprouse: E366 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.022(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.23	0.53	57	
	00105-00028	059.057: Sprouse: E366 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.022(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.46	57	
	00106-00001	059.057: Sprouse: 71/38 / arg / 71/38 - (SS/SS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.30	0.50	58	
	00106-00002	059.057: Sprouse: 71/38 / arg / 71/38 - (SS/SS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.27	0.44	58	
	00106-00003	059.057: Sprouse: 71/38 / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.30	0.50	58	
	00106-00004	059.057: Sprouse: 71/38 / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.27	0.44	58	
	00106-00005	059.057: Sprouse: 63/31 / arg / 63/31 - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.24	0.40	58	
	00106-00006	059.057: Sprouse: 63/31 / arg / 63/31 - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.21	0.35	58	
	00106-00007	059.057: Sprouse: 63/31 / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.24	0.40	58	
	00106-00008	059.057: Sprouse: 63/31 / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.21	0.35	58	
	00106-00009	059.057: Sprouse: 55/27 / arg / 55/27 - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.20	0.30	58	
	00106-00010	059.057: Sprouse: 55/27 / arg / 55/27 - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.18	0.26	58	
	00106-00011	059.057: Sprouse: 55/27 / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.20	0.30	58	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00106-00012	059.057: Sprouse: 55/27 / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.18	0.26	58	
	00106-00013	059.057: Sprouse: E366 / arg / E366 - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.21	0.42	58	
	00106-00014	059.057: Sprouse: E366 / arg / E366 - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.19	0.37	58	
	00106-00015	059.057: Sprouse: E366 / arg / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.21	0.42	58	
	00106-00016	059.057: Sprouse: E366 / arg / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.19	0.37	58	
	00107-00001	059.057: Sprouse: 70/36 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.036(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.30	0.57	57	
	00107-00002	059.057: Sprouse: 70/36 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.036(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.27	0.50	57	
	00107-00003	059.057: Sprouse: 70/36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.30	0.57	57	
	00107-00004	059.057: Sprouse: 70/36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.27	0.50	57	
	00107-00005	059.057: Sprouse: gry / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		GY	0.29	0.28	0.38	57	
	00107-00006	059.057: Sprouse: gry / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.29	0.25	0.33	57	
	00107-00007	059.057: Sprouse: brz / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.29	0.30	0.42	57	
	00107-00008	059.057: Sprouse: brz / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.29	0.27	0.37	57	
	00107-00009	059.057: Sprouse: SB60 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.035(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.32	0.60	57	
	00107-00010	059.057: Sprouse: SB60 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.035(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.29	0.52	57	
	00107-00011	059.057: Sprouse: SB60 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.32	0.59	57	
	00107-00012	059.057: Sprouse: SB60 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.28	0.52	57	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00107-00013	059.057: Sprouse: gry / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		GY	0.29	0.28	0.39	57	
	00107-00014	059.057: Sprouse: gry / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.29	0.25	0.35	57	
	00107-00015	059.057: Sprouse: brz / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.29	0.30	0.44	57	
	00107-00016	059.057: Sprouse: brz / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.29	0.27	0.38	57	
	00107-00017	059.057: Sprouse: TiAC36 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.034(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.30	0.56	57	
	00107-00018	059.057: Sprouse: TiAC36 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.034(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.27	0.49	57	
	00107-00019	059.057: Sprouse: TiAC36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.034(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.30	0.55	57	
	00107-00020	059.057: Sprouse: TiAC36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.034(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.27	0.49	57	
	00107-00021	059.057: Sprouse: gry / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		GY	0.29	0.28	0.37	57	
	00107-00022	059.057: Sprouse: gry / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.29	0.25	0.32	57	
	00107-00023	059.057: Sprouse: brz / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.29	0.30	0.41	57	
	00107-00024	059.057: Sprouse: brz / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.29	0.27	0.36	57	
	00108-00001	059.057: Sprouse: 70/36 / arg / 70/36 - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.28	0.48	58	
	00108-00002	059.057: Sprouse: 70/36 / arg / 70/36 - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.25	0.43	58	
	00108-00003	059.057: Sprouse: 70/36 / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.28	0.48	58	
	00108-00004	059.057: Sprouse: 70/36 / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.25	0.42	58	
	00108-00005	059.057: Sprouse: SB60 / arg / SB60 - (SS/SS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.30	0.53	58	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00108-00006	059.057: Sprouse: SB60 / arg / SB60 - (SS/SS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.27	0.46	58	
	00108-00007	059.057: Sprouse: SB60 / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.30	0.52	58	
	00108-00008	059.057: Sprouse: SB60 / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.26	0.46	58	
	00108-00009	059.057: Sprouse: TiAC36 / arg / TiAC36 - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.28	0.47	58	
	00108-00010	059.057: Sprouse: TiAC36 / arg / TiAC36 - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.25	0.41	58	
	00108-00011	059.057: Sprouse: TiAC36 / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.27	0.46	58	
	00108-00012	059.057: Sprouse: TiAC36 / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.24	0.40	58	
	00109-00001	059.057: Sprouse: SB70 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.018(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.22	0.53	58	
	00109-00002	059.057: Sprouse: SB70 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.018(2)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.46	58	
	00109-00003	059.057: Sprouse: SB70 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.22	0.52	58	
	00109-00004	059.057: Sprouse: SB70 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.46	58	
	00109-00005	059.057: Sprouse: gry / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.23	0.35	58	
	00109-00006	059.057: Sprouse: gry / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.21	0.31	58	
	00109-00007	059.057: Sprouse: brz / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.25	0.39	58	
	00109-00008	059.057: Sprouse: brz / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.22	0.34	58	
	00110-00001	059.057: Sprouse: SB70 / arg / SB70 - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.21	0.42	58	
	00110-00002	059.057: Sprouse: SB70 / arg / SB70 - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.563	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.19	0.37	58	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00110-00003	059.057: Sprouse: SB70 / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.21	0.41	58	
	00110-00004	059.057: Sprouse: SB70 / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.500	A8-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.19	0.36	58	
	00111-00001	059.057: Sprouse: 71/38 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.027(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.32	0.58	59	
	00111-00002	059.057: Sprouse: 71/38 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.027(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.28	0.51	59	
	00111-00003	059.057: Sprouse: 71/38 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.027(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.32	0.58	59	
	00111-00004	059.057: Sprouse: 71/38 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.027(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.28	0.51	59	
	00111-00005	059.057: Sprouse: gry / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.29	0.39	59	
	00111-00006	059.057: Sprouse: gry / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.26	0.34	59	
	00111-00007	059.057: Sprouse: brz / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.31	0.43	59	
	00111-00008	059.057: Sprouse: brz / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.28	0.37	59	
	00111-00009	059.057: Sprouse: 63/31 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.026(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.26	0.52	59	
	00111-00010	059.057: Sprouse: 63/31 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.026(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.23	0.46	59	
	00111-00011	059.057: Sprouse: 63/31 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.26	0.52	59	
	00111-00012	059.057: Sprouse: 63/31 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.23	0.45	59	
	00111-00013	059.057: Sprouse: gry / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.27	0.34	59	
	00111-00014	059.057: Sprouse: gry / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.24	0.30	59	
	00111-00015	059.057: Sprouse: brz / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.29	0.38	59	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00111-00016	059.057: Sprouse: brz / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.25	0.33	59	
	00111-00017	059.057: Sprouse: 55/27 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.024(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.23	0.45	59	
	00111-00018	059.057: Sprouse: 55/27 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.024(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.20	0.39	59	
	00111-00019	059.057: Sprouse: 55/27 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.024(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.22	0.45	59	
	00111-00020	059.057: Sprouse: 55/27 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.024(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.20	0.39	59	
	00111-00021	059.057: Sprouse: gry / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.25	0.30	59	
	00111-00022	059.057: Sprouse: gry / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.22	0.26	59	
	00111-00023	059.057: Sprouse: brz / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.27	0.33	59	
	00111-00024	059.057: Sprouse: brz / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.24	0.29	59	
	00111-00025	059.057: Sprouse: E366 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.022(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.22	0.53	59	
	00111-00026	059.057: Sprouse: E366 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.022(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.20	0.47	59	
	00111-00027	059.057: Sprouse: E366 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.022(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.22	0.53	59	
	00111-00028	059.057: Sprouse: E366 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.022(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.20	0.46	59	
	00111-00029	059.057: Sprouse: gry / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.23	0.35	59	
	00111-00030	059.057: Sprouse: gry / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.21	0.31	59	
	00111-00031	059.057: Sprouse: brz / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.25	0.39	59	
	00111-00032	059.057: Sprouse: brz / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.22	0.34	59	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
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CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00112-00001	059.057: Sprouse: 71/38 / kry / 71/38 - (SS/SS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.50	60	
	00112-00002	059.057: Sprouse: 71/38 / kry / 71/38 - (SS/SS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.27	0.44	60	
	00112-00003	059.057: Sprouse: 71/38 / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.50	60	
	00112-00004	059.057: Sprouse: 71/38 / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.27	0.44	60	
	00112-00005	059.057: Sprouse: 63/31 / kry / 63/31 - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.23	0.40	60	
	00112-00006	059.057: Sprouse: 63/31 / kry / 63/31 - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.21	0.35	60	
	00112-00007	059.057: Sprouse: 63/31 / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.23	0.40	60	
	00112-00008	059.057: Sprouse: 63/31 / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.21	0.35	60	
	00112-00009	059.057: Sprouse: 55/27 / kry / 55/27 - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.20	0.30	60	
	00112-00010	059.057: Sprouse: 55/27 / kry / 55/27 - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.18	0.26	60	
	00112-00011	059.057: Sprouse: 55/27 / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.20	0.30	60	
	00112-00012	059.057: Sprouse: 55/27 / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.18	0.26	60	
	00112-00013	059.057: Sprouse: E366 / kry / E366 - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.21	0.42	60	
	00112-00014	059.057: Sprouse: E366 / kry / E366 - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.19	0.37	60	
	00112-00015	059.057: Sprouse: E366 / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.21	0.42	60	
	00112-00016	059.057: Sprouse: E366 / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.19	0.37	60	
	00113-00001	059.057: Sprouse: 70/36 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.036(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.57	59	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00113-00002	059.057: Sprouse: 70/36 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.036(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.27	0.50	59	
	00113-00003	059.057: Sprouse: 70/36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.57	59	
	00113-00004	059.057: Sprouse: 70/36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.26	0.50	59	
	00113-00005	059.057: Sprouse: gry / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.28	0.38	59	
	00113-00006	059.057: Sprouse: gry / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.25	0.33	59	
	00113-00007	059.057: Sprouse: brz / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.30	0.42	59	
	00113-00008	059.057: Sprouse: brz / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.26	0.37	59	
	00113-00009	059.057: Sprouse: SB60 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.035(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.32	0.59	59	
	00113-00010	059.057: Sprouse: SB60 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.035(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.28	0.52	59	
	00113-00011	059.057: Sprouse: SB60 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.31	0.59	59	
	00113-00012	059.057: Sprouse: SB60 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.28	0.52	59	
	00113-00013	059.057: Sprouse: gry / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.28	0.39	59	
	00113-00014	059.057: Sprouse: gry / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.25	0.35	59	
	00113-00015	059.057: Sprouse: brz / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.30	0.44	59	
	00113-00016	059.057: Sprouse: brz / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.27	0.38	59	
	00113-00017	059.057: Sprouse: TiAC36 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.034(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.56	59	
	00113-00018	059.057: Sprouse: TiAC36 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.034(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.27	0.49	59	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54														IA: Keystone Certifications, Inc.		
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00113-00019	059.057: Sprouse: TiAC36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.034(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.55	59	
	00113-00020	059.057: Sprouse: TiAC36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.034(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.26	0.49	59	
	00113-00021	059.057: Sprouse: gry / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.28	0.37	59	
	00113-00022	059.057: Sprouse: gry / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.25	0.32	59	
	00113-00023	059.057: Sprouse: brz / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.30	0.41	59	
	00113-00024	059.057: Sprouse: brz / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.27	0.36	59	
	00114-00001	059.057: Sprouse: 70/36 / kry / 70/36 - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.28	0.48	60	
	00114-00002	059.057: Sprouse: 70/36 / kry / 70/36 - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.25	0.43	60	
	00114-00003	059.057: Sprouse: 70/36 / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.28	0.48	60	
	00114-00004	059.057: Sprouse: 70/36 / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.25	0.42	60	
	00114-00005	059.057: Sprouse: SB60 / kry / SB60 - (SS/SS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.53	60	
	00114-00006	059.057: Sprouse: SB60 / kry / SB60 - (SS/SS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.27	0.46	60	
	00114-00007	059.057: Sprouse: SB60 / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.52	60	
	00114-00008	059.057: Sprouse: SB60 / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.26	0.46	60	
	00114-00009	059.057: Sprouse: TiAC36 / kry / TiAC36 - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.28	0.47	60	
	00114-00010	059.057: Sprouse: TiAC36 / kry / TiAC36 - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.25	0.41	60	
	00114-00011	059.057: Sprouse: TiAC36 / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.27	0.46	60	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00114-00012	059.057: Sprouse: TiAC36 / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.24	0.40	60	
	00115-00001	059.057: Sprouse: SB70 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.018(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.22	0.53	59	
	00115-00002	059.057: Sprouse: SB70 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.018(2)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.20	0.46	59	
	00115-00003	059.057: Sprouse: SB70 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.22	0.52	59	
	00115-00004	059.057: Sprouse: SB70 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.20	0.46	59	
	00115-00005	059.057: Sprouse: gry / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.23	0.35	59	
	00115-00006	059.057: Sprouse: gry / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.21	0.31	59	
	00115-00007	059.057: Sprouse: brz / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.25	0.39	59	
	00115-00008	059.057: Sprouse: brz / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.22	0.34	59	
	00116-00001	059.057: Sprouse: SB70 / kry / SB70 - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.21	0.42	60	
	00116-00002	059.057: Sprouse: SB70 / kry / SB70 - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.563	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.19	0.37	60	
	00116-00003	059.057: Sprouse: SB70 / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.21	0.41	60	
	00116-00004	059.057: Sprouse: SB70 / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.500	A8-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.19	0.36	60	
	00117-00001	059.057: Sprouse: clr / air / clr - (SS/SS) 3/4"	VI/VV	2		0.563	ZE-S	Fill 1: AIR (100)	N		CL	0.46	0.64	0.67	44	
	00117-00002	059.057: Sprouse: clr / air / clr - (SS/SS) 3/4"	VI/VV	2		0.563	ZE-S	Fill 1: AIR (100)	G	0.75	CL	0.46	0.57	0.59	44	
	00117-00003	059.057: Sprouse: clr / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	ZE-S	Fill 1: AIR (100)	N		CL	0.46	0.62	0.66	44	
	00117-00004	059.057: Sprouse: clr / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	ZE-S	Fill 1: AIR (100)	G	0.75	CL	0.46	0.55	0.58	44	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00117-00005	059.057: Sprouse: gry / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	ZE-S	Fill 1: AIR (100)	N		GY	0.46	0.47	0.44	44	
	00117-00006	059.057: Sprouse: gry / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	ZE-S	Fill 1: AIR (100)	G	0.75	GY	0.46	0.42	0.39	44	
	00117-00007	059.057: Sprouse: brz / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	ZE-S	Fill 1: AIR (100)	N		BZ	0.46	0.51	0.49	44	
	00117-00008	059.057: Sprouse: brz / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	ZE-S	Fill 1: AIR (100)	G	0.75	BZ	0.46	0.45	0.43	44	
	00118-00001	059.057: Sprouse: 71/38 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.027(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.32	0.58	60	
	00118-00002	059.057: Sprouse: 71/38 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.027(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.28	0.51	60	
	00118-00003	059.057: Sprouse: 71/38 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.027(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.32	0.58	60	
	00118-00004	059.057: Sprouse: 71/38 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.027(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.28	0.51	60	
	00118-00005	059.057: Sprouse: gry / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.29	0.39	60	
	00118-00006	059.057: Sprouse: gry / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.26	0.34	60	
	00118-00007	059.057: Sprouse: brz / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.31	0.43	60	
	00118-00008	059.057: Sprouse: brz / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.28	0.37	60	
	00118-00009	059.057: Sprouse: 63/31 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.026(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.26	0.52	60	
	00118-00010	059.057: Sprouse: 63/31 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.026(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.23	0.46	60	
	00118-00011	059.057: Sprouse: 63/31 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.26	0.52	60	
	00118-00012	059.057: Sprouse: 63/31 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.23	0.45	60	
	00118-00013	059.057: Sprouse: gry / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.27	0.34	60	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54															IA: Keystone Certifications, Inc.	
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00118-00014	059.057: Sprouse: gry / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.24	0.30	60	
	00118-00015	059.057: Sprouse: brz / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.29	0.38	60	
	00118-00016	059.057: Sprouse: brz / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.26	0.33	60	
	00118-00017	059.057: Sprouse: 55/27 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.024(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.23	0.45	60	
	00118-00018	059.057: Sprouse: 55/27 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.024(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.39	60	
	00118-00019	059.057: Sprouse: 55/27 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.024(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.23	0.45	60	
	00118-00020	059.057: Sprouse: 55/27 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.024(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.39	60	
	00118-00021	059.057: Sprouse: gry / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.25	0.30	60	
	00118-00022	059.057: Sprouse: gry / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.23	0.26	60	
	00118-00023	059.057: Sprouse: brz / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.27	0.33	60	
	00118-00024	059.057: Sprouse: brz / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.24	0.29	60	
	00118-00025	059.057: Sprouse: E366 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.022(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.22	0.53	60	
	00118-00026	059.057: Sprouse: E366 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.022(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.47	60	
	00118-00027	059.057: Sprouse: E366 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.022(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.23	0.53	60	
	00118-00028	059.057: Sprouse: E366 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.022(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.46	60	
	00119-00001	059.057: Sprouse: 71/38 / arg / 71/38 - (SS/SS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.30	0.50	60	
	00119-00002	059.057: Sprouse: 71/38 / arg / 71/38 - (SS/SS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.27	0.44	60	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00119-00003	059.057: Sprouse: 71/38 / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.30	0.50	60	
	00119-00004	059.057: Sprouse: 71/38 / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.27	0.44	60	
	00119-00005	059.057: Sprouse: 63/31 / arg / 63/31 - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.24	0.40	60	
	00119-00006	059.057: Sprouse: 63/31 / arg / 63/31 - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.21	0.35	60	
	00119-00007	059.057: Sprouse: 63/31 / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.24	0.40	60	
	00119-00008	059.057: Sprouse: 63/31 / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.21	0.35	60	
	00119-00009	059.057: Sprouse: 55/27 / arg / 55/27 - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.20	0.30	60	
	00119-00010	059.057: Sprouse: 55/27 / arg / 55/27 - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.18	0.26	60	
	00119-00011	059.057: Sprouse: 55/27 / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.20	0.30	60	
	00119-00012	059.057: Sprouse: 55/27 / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.18	0.26	60	
	00119-00013	059.057: Sprouse: E366 / arg / E366 - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.21	0.42	60	
	00119-00014	059.057: Sprouse: E366 / arg / E366 - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.19	0.37	60	
	00119-00015	059.057: Sprouse: E366 / arg / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.21	0.42	60	
	00119-00016	059.057: Sprouse: E366 / arg / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.19	0.37	60	
	00120-00001	059.057: Sprouse: 70/36 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.036(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.30	0.57	59	
	00120-00002	059.057: Sprouse: 70/36 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.036(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.27	0.50	59	
	00120-00003	059.057: Sprouse: 70/36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.30	0.57	59	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00120-00004	059.057: Sprouse: 70/36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.27	0.50	59	
	00120-00005	059.057: Sprouse: gry / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.28	0.38	59	
	00120-00006	059.057: Sprouse: gry / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.25	0.33	59	
	00120-00007	059.057: Sprouse: brz / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.30	0.42	59	
	00120-00008	059.057: Sprouse: brz / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.27	0.37	59	
	00120-00009	059.057: Sprouse: SB60 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.035(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.32	0.60	59	
	00120-00010	059.057: Sprouse: SB60 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.035(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.29	0.52	59	
	00120-00011	059.057: Sprouse: SB60 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.32	0.59	59	
	00120-00012	059.057: Sprouse: SB60 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.28	0.52	59	
	00120-00013	059.057: Sprouse: gry / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.28	0.39	59	
	00120-00014	059.057: Sprouse: gry / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.25	0.35	59	
	00120-00015	059.057: Sprouse: brz / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.30	0.44	59	
	00120-00016	059.057: Sprouse: brz / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.27	0.38	59	
	00120-00017	059.057: Sprouse: TiAC36 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.034(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.30	0.56	59	
	00120-00018	059.057: Sprouse: TiAC36 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.034(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.27	0.49	59	
	00120-00019	059.057: Sprouse: TiAC36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.034(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.30	0.55	59	
	00120-00020	059.057: Sprouse: TiAC36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.034(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.27	0.49	59	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00120-00021	059.057: Sprouse: gry / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.28	0.37	59	
	00120-00022	059.057: Sprouse: gry / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.25	0.32	59	
	00120-00023	059.057: Sprouse: brz / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.30	0.41	59	
	00120-00024	059.057: Sprouse: brz / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.27	0.36	59	
	00121-00001	059.057: Sprouse: 70/36 / arg / 70/36 - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.28	0.48	60	
	00121-00002	059.057: Sprouse: 70/36 / arg / 70/36 - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.25	0.43	60	
	00121-00003	059.057: Sprouse: 70/36 / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.28	0.48	60	
	00121-00004	059.057: Sprouse: 70/36 / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.25	0.42	60	
	00121-00005	059.057: Sprouse: SB60 / arg / SB60 - (SS/SS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.30	0.53	60	
	00121-00006	059.057: Sprouse: SB60 / arg / SB60 - (SS/SS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.27	0.46	60	
	00121-00007	059.057: Sprouse: SB60 / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.30	0.52	60	
	00121-00008	059.057: Sprouse: SB60 / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.26	0.46	60	
	00121-00009	059.057: Sprouse: TiAC36 / arg / TiAC36 - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.28	0.47	60	
	00121-00010	059.057: Sprouse: TiAC36 / arg / TiAC36 - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.25	0.41	60	
	00121-00011	059.057: Sprouse: TiAC36 / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.27	0.46	60	
	00121-00012	059.057: Sprouse: TiAC36 / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.24	0.40	60	
	00122-00001	059.057: Sprouse: SB70 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.018(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.22	0.53	60	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54														IA: Keystone Certifications, Inc.		
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00122-00002	059.057: Sprouse: SB70 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.018(2)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.46	60	
	00122-00003	059.057: Sprouse: SB70 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.22	0.52	60	
	00122-00004	059.057: Sprouse: SB70 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.46	60	
	00122-00005	059.057: Sprouse: gry / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.23	0.35	60	
	00122-00006	059.057: Sprouse: gry / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.21	0.31	60	
	00122-00007	059.057: Sprouse: brz / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.25	0.39	60	
	00122-00008	059.057: Sprouse: brz / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.22	0.34	60	
	00123-00001	059.057: Sprouse: SB70 / arg / SB70 - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.21	0.42	60	
	00123-00002	059.057: Sprouse: SB70 / arg / SB70 - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.563	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.19	0.37	60	
	00123-00003	059.057: Sprouse: SB70 / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.21	0.41	60	
	00123-00004	059.057: Sprouse: SB70 / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.500	ZE-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.19	0.36	60	
	00124-00001	059.057: Sprouse: 71/38 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.027(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.32	0.58	61	
	00124-00002	059.057: Sprouse: 71/38 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.027(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.28	0.51	61	
	00124-00003	059.057: Sprouse: 71/38 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.027(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.32	0.58	61	
	00124-00004	059.057: Sprouse: 71/38 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.027(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.28	0.51	61	
	00124-00005	059.057: Sprouse: gry / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.29	0.39	61	
	00124-00006	059.057: Sprouse: gry / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.26	0.34	61	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00124-00007	059.057: Sprouse: brz / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.31	0.43	61	
	00124-00008	059.057: Sprouse: brz / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.28	0.37	61	
	00124-00009	059.057: Sprouse: 63/31 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.026(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.26	0.52	61	
	00124-00010	059.057: Sprouse: 63/31 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.026(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.23	0.46	61	
	00124-00011	059.057: Sprouse: 63/31 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.26	0.52	61	
	00124-00012	059.057: Sprouse: 63/31 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.23	0.45	61	
	00124-00013	059.057: Sprouse: gry / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.27	0.34	61	
	00124-00014	059.057: Sprouse: gry / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.24	0.30	61	
	00124-00015	059.057: Sprouse: brz / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.29	0.38	61	
	00124-00016	059.057: Sprouse: brz / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.25	0.33	61	
	00124-00017	059.057: Sprouse: 55/27 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.024(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.23	0.45	61	
	00124-00018	059.057: Sprouse: 55/27 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.024(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.20	0.39	61	
	00124-00019	059.057: Sprouse: 55/27 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.024(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.22	0.45	61	
	00124-00020	059.057: Sprouse: 55/27 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.024(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.20	0.39	61	
	00124-00021	059.057: Sprouse: gry / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.25	0.30	61	
	00124-00022	059.057: Sprouse: gry / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.22	0.26	61	
	00124-00023	059.057: Sprouse: brz / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.27	0.33	61	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00124-00024	059.057: Sprouse: brz / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.24	0.29	61	
	00124-00025	059.057: Sprouse: E366 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.022(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.22	0.53	61	
	00124-00026	059.057: Sprouse: E366 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.022(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.20	0.47	61	
	00124-00027	059.057: Sprouse: E366 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.022(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.22	0.53	61	
	00124-00028	059.057: Sprouse: E366 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.022(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.20	0.46	61	
	00124-00029	059.057: Sprouse: gry / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.23	0.35	61	
	00124-00030	059.057: Sprouse: gry / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.21	0.31	61	
	00124-00031	059.057: Sprouse: brz / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.25	0.39	61	
	00124-00032	059.057: Sprouse: brz / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.22	0.34	61	
	00125-00001	059.057: Sprouse: 71/38 / kry / 71/38 - (SS/SS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.30	0.50	62	
	00125-00002	059.057: Sprouse: 71/38 / kry / 71/38 - (SS/SS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.27	0.44	62	
	00125-00003	059.057: Sprouse: 71/38 / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.30	0.50	62	
	00125-00004	059.057: Sprouse: 71/38 / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.27	0.44	62	
	00125-00005	059.057: Sprouse: 63/31 / kry / 63/31 - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.23	0.40	62	
	00125-00006	059.057: Sprouse: 63/31 / kry / 63/31 - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.21	0.35	62	
	00125-00007	059.057: Sprouse: 63/31 / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.23	0.40	62	
	00125-00008	059.057: Sprouse: 63/31 / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.21	0.35	62	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00125-00009	059.057: Sprouse: 55/27 / kry / 55/27 - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.20	0.30	62	
	00125-00010	059.057: Sprouse: 55/27 / kry / 55/27 - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.18	0.26	62	
	00125-00011	059.057: Sprouse: 55/27 / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.20	0.30	62	
	00125-00012	059.057: Sprouse: 55/27 / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.18	0.26	62	
	00125-00013	059.057: Sprouse: E366 / kry / E366 - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.21	0.42	62	
	00125-00014	059.057: Sprouse: E366 / kry / E366 - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.19	0.37	62	
	00125-00015	059.057: Sprouse: E366 / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.21	0.42	62	
	00125-00016	059.057: Sprouse: E366 / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.19	0.37	62	
	00126-00001	059.057: Sprouse: 70/36 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.036(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.57	61	
	00126-00002	059.057: Sprouse: 70/36 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.036(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.27	0.50	61	
	00126-00003	059.057: Sprouse: 70/36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.57	61	
	00126-00004	059.057: Sprouse: 70/36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.26	0.50	61	
	00126-00005	059.057: Sprouse: gry / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.28	0.38	61	
	00126-00006	059.057: Sprouse: gry / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.25	0.33	61	
	00126-00007	059.057: Sprouse: brz / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.30	0.42	61	
	00126-00008	059.057: Sprouse: brz / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.26	0.37	61	
	00126-00009	059.057: Sprouse: SB60 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.035(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.32	0.59	61	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00126-00010	059.057: Sprouse: SB60 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.035(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.28	0.52	61	
	00126-00011	059.057: Sprouse: SB60 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.31	0.59	61	
	00126-00012	059.057: Sprouse: SB60 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.28	0.52	61	
	00126-00013	059.057: Sprouse: gry / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.28	0.39	61	
	00126-00014	059.057: Sprouse: gry / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.25	0.35	61	
	00126-00015	059.057: Sprouse: brz / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.30	0.44	61	
	00126-00016	059.057: Sprouse: brz / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.27	0.38	61	
	00126-00017	059.057: Sprouse: TiAC36 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.034(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.56	61	
	00126-00018	059.057: Sprouse: TiAC36 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.034(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.27	0.49	61	
	00126-00019	059.057: Sprouse: TiAC36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.034(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.55	61	
	00126-00020	059.057: Sprouse: TiAC36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.034(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.26	0.49	61	
	00126-00021	059.057: Sprouse: gry / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.28	0.37	61	
	00126-00022	059.057: Sprouse: gry / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.25	0.32	61	
	00126-00023	059.057: Sprouse: brz / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.30	0.41	61	
	00126-00024	059.057: Sprouse: brz / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.27	0.36	61	
	00127-00001	059.057: Sprouse: 70/36 / kry / 70/36 - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.28	0.48	62	
	00127-00002	059.057: Sprouse: 70/36 / kry / 70/36 - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.25	0.43	62	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54														IA: Keystone Certifications, Inc.		
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00127-00003	059.057: Sprouse: 70/36 / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.28	0.48	62	
	00127-00004	059.057: Sprouse: 70/36 / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.25	0.42	62	
	00127-00005	059.057: Sprouse: SB60 / kry / SB60 - (SS/SS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.30	0.53	62	
	00127-00006	059.057: Sprouse: SB60 / kry / SB60 - (SS/SS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.27	0.46	62	
	00127-00007	059.057: Sprouse: SB60 / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.30	0.52	62	
	00127-00008	059.057: Sprouse: SB60 / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.26	0.46	62	
	00127-00009	059.057: Sprouse: TiAC36 / kry / TiAC36 - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.28	0.47	62	
	00127-00010	059.057: Sprouse: TiAC36 / kry / TiAC36 - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.25	0.41	62	
	00127-00011	059.057: Sprouse: TiAC36 / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.27	0.46	62	
	00127-00012	059.057: Sprouse: TiAC36 / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.24	0.40	62	
	00128-00001	059.057: Sprouse: SB70 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.018(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.22	0.53	62	
	00128-00002	059.057: Sprouse: SB70 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.018(2)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.20	0.46	62	
	00128-00003	059.057: Sprouse: SB70 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.22	0.52	62	
	00128-00004	059.057: Sprouse: SB70 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.20	0.46	62	
	00128-00005	059.057: Sprouse: gry / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		GY	0.26	0.23	0.35	62	
	00128-00006	059.057: Sprouse: gry / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.26	0.21	0.31	62	
	00128-00007	059.057: Sprouse: brz / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.26	0.25	0.39	62	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54														IA: Keystone Certifications, Inc.		
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00128-00008	059.057: Sprouse: brz / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.26	0.22	0.34	62	
	00129-00001	059.057: Sprouse: SB70 / kry / SB70 - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.21	0.42	62	
	00129-00002	059.057: Sprouse: SB70 / kry / SB70 - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.563	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.19	0.37	62	
	00129-00003	059.057: Sprouse: SB70 / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.21	0.41	62	
	00129-00004	059.057: Sprouse: SB70 / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.500	ZE-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.19	0.36	62	
	00130-00001	059.057: Sprouse: clr / air / clr - (SS/SS) 3/4"	VI/VV	2		0.563	P1-S	Fill 1: AIR (100)	N		CL	0.46	0.64	0.67	44	
	00130-00002	059.057: Sprouse: clr / air / clr - (SS/SS) 3/4"	VI/VV	2		0.563	P1-S	Fill 1: AIR (100)	G	0.75	CL	0.46	0.57	0.59	44	
	00130-00003	059.057: Sprouse: clr / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	P1-S	Fill 1: AIR (100)	N		CL	0.46	0.62	0.66	44	
	00130-00004	059.057: Sprouse: clr / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	P1-S	Fill 1: AIR (100)	G	0.75	CL	0.46	0.55	0.58	44	
	00130-00005	059.057: Sprouse: gry / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	P1-S	Fill 1: AIR (100)	N		GY	0.46	0.47	0.44	44	
	00130-00006	059.057: Sprouse: gry / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	P1-S	Fill 1: AIR (100)	G	0.75	GY	0.46	0.42	0.39	44	
	00130-00007	059.057: Sprouse: brz / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	P1-S	Fill 1: AIR (100)	N		BZ	0.46	0.51	0.49	44	
	00130-00008	059.057: Sprouse: brz / air / clr - (DS/DS) 3/4"	VI/VV	2		0.500	P1-S	Fill 1: AIR (100)	G	0.75	BZ	0.46	0.45	0.43	44	
	00131-00001	059.057: Sprouse: 71/38 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.027(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.32	0.58	61	
	00131-00002	059.057: Sprouse: 71/38 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.027(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.28	0.51	61	
	00131-00003	059.057: Sprouse: 71/38 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.027(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.32	0.58	61	
	00131-00004	059.057: Sprouse: 71/38 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.027(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.28	0.51	61	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00131-00005	059.057: Sprouse: gry / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.29	0.39	61	
	00131-00006	059.057: Sprouse: gry / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.26	0.34	61	
	00131-00007	059.057: Sprouse: brz / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.31	0.43	61	
	00131-00008	059.057: Sprouse: brz / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.28	0.37	61	
	00131-00009	059.057: Sprouse: 63/31 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.026(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.26	0.52	61	
	00131-00010	059.057: Sprouse: 63/31 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.026(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.23	0.46	61	
	00131-00011	059.057: Sprouse: 63/31 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.26	0.52	61	
	00131-00012	059.057: Sprouse: 63/31 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.23	0.45	61	
	00131-00013	059.057: Sprouse: gry / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.27	0.34	61	
	00131-00014	059.057: Sprouse: gry / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.24	0.30	61	
	00131-00015	059.057: Sprouse: brz / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.29	0.38	61	
	00131-00016	059.057: Sprouse: brz / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.26	0.33	61	
	00131-00017	059.057: Sprouse: 55/27 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.024(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.23	0.45	61	
	00131-00018	059.057: Sprouse: 55/27 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.024(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.39	61	
	00131-00019	059.057: Sprouse: 55/27 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.024(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.23	0.45	61	
	00131-00020	059.057: Sprouse: 55/27 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.024(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.39	61	
	00131-00021	059.057: Sprouse: gry / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.25	0.30	61	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00131-00022	059.057: Sprouse: gry / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.23	0.26	61	
	00131-00023	059.057: Sprouse: brz / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.27	0.33	61	
	00131-00024	059.057: Sprouse: brz / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.24	0.29	61	
	00131-00025	059.057: Sprouse: E366 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.022(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.22	0.53	61	
	00131-00026	059.057: Sprouse: E366 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.022(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.47	61	
	00131-00027	059.057: Sprouse: E366 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.022(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.23	0.53	61	
	00131-00028	059.057: Sprouse: E366 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.022(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.20	0.46	61	
	00132-00001	059.057: Sprouse: 71/38 / arg / 71/38 - (SS/SS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.30	0.50	62	
	00132-00002	059.057: Sprouse: 71/38 / arg / 71/38 - (SS/SS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.27	0.44	62	
	00132-00003	059.057: Sprouse: 71/38 / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.30	0.50	62	
	00132-00004	059.057: Sprouse: 71/38 / arg / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.27	0.44	62	
	00132-00005	059.057: Sprouse: 63/31 / arg / 63/31 - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.24	0.40	62	
	00132-00006	059.057: Sprouse: 63/31 / arg / 63/31 - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.21	0.35	62	
	00132-00007	059.057: Sprouse: 63/31 / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.24	0.40	62	
	00132-00008	059.057: Sprouse: 63/31 / arg / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.21	0.35	62	
	00132-00009	059.057: Sprouse: 55/27 / arg / 55/27 - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.20	0.30	62	
	00132-00010	059.057: Sprouse: 55/27 / arg / 55/27 - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.18	0.26	62	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00132-00011	059.057: Sprouse: 55/27 / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.20	0.30	62	
	00132-00012	059.057: Sprouse: 55/27 / arg / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.18	0.26	62	
	00132-00013	059.057: Sprouse: E366 / arg / E366 - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.21	0.42	62	
	00132-00014	059.057: Sprouse: E366 / arg / E366 - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.19	0.37	62	
	00132-00015	059.057: Sprouse: E366 / arg / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.21	0.42	62	
	00132-00016	059.057: Sprouse: E366 / arg / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.19	0.37	62	
	00133-00001	059.057: Sprouse: 70/36 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.036(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.30	0.57	61	
	00133-00002	059.057: Sprouse: 70/36 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.036(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.27	0.50	61	
	00133-00003	059.057: Sprouse: 70/36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.30	0.57	61	
	00133-00004	059.057: Sprouse: 70/36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.27	0.50	61	
	00133-00005	059.057: Sprouse: gry / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.28	0.38	61	
	00133-00006	059.057: Sprouse: gry / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.25	0.33	61	
	00133-00007	059.057: Sprouse: brz / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.30	0.42	61	
	00133-00008	059.057: Sprouse: brz / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.27	0.37	61	
	00133-00009	059.057: Sprouse: SB60 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.035(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.32	0.60	61	
	00133-00010	059.057: Sprouse: SB60 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.035(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.29	0.52	61	
	00133-00011	059.057: Sprouse: SB60 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.32	0.59	61	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00133-00012	059.057: Sprouse: SB60 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.28	0.52	61	
	00133-00013	059.057: Sprouse: gry / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.28	0.39	61	
	00133-00014	059.057: Sprouse: gry / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.25	0.35	61	
	00133-00015	059.057: Sprouse: brz / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.30	0.44	61	
	00133-00016	059.057: Sprouse: brz / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.27	0.38	61	
	00133-00017	059.057: Sprouse: TiAC36 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.034(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.30	0.56	61	
	00133-00018	059.057: Sprouse: TiAC36 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.034(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.27	0.49	61	
	00133-00019	059.057: Sprouse: TiAC36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.034(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.30	0.55	61	
	00133-00020	059.057: Sprouse: TiAC36 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.034(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.27	0.49	61	
	00133-00021	059.057: Sprouse: gry / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		GY	0.28	0.28	0.37	61	
	00133-00022	059.057: Sprouse: gry / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.28	0.25	0.32	61	
	00133-00023	059.057: Sprouse: brz / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.28	0.30	0.41	61	
	00133-00024	059.057: Sprouse: brz / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.28	0.27	0.36	61	
	00134-00001	059.057: Sprouse: 70/36 / arg / 70/36 - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.28	0.48	62	
	00134-00002	059.057: Sprouse: 70/36 / arg / 70/36 - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.25	0.43	62	
	00134-00003	059.057: Sprouse: 70/36 / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.28	0.48	62	
	00134-00004	059.057: Sprouse: 70/36 / arg / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.25	0.42	62	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00134-00005	059.057: Sprouse: SB60 / arg / SB60 - (SS/SS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.30	0.53	62	
	00134-00006	059.057: Sprouse: SB60 / arg / SB60 - (SS/SS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.27	0.46	62	
	00134-00007	059.057: Sprouse: SB60 / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.30	0.52	62	
	00134-00008	059.057: Sprouse: SB60 / arg / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.26	0.46	62	
	00134-00009	059.057: Sprouse: TiAC36 / arg / TiAC36 - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.28	0.47	62	
	00134-00010	059.057: Sprouse: TiAC36 / arg / TiAC36 - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.25	0.41	62	
	00134-00011	059.057: Sprouse: TiAC36 / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.27	0.46	62	
	00134-00012	059.057: Sprouse: TiAC36 / arg / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.24	0.40	62	
	00135-00001	059.057: Sprouse: SB70 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.018(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.22	0.53	61	
	00135-00002	059.057: Sprouse: SB70 / arg / clr - (SS/SS) 3/4"	VI/VV	2	0.018(2)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.20	0.46	61	
	00135-00003	059.057: Sprouse: SB70 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.22	0.52	61	
	00135-00004	059.057: Sprouse: SB70 / arg / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.20	0.46	61	
	00135-00005	059.057: Sprouse: gry / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		GY	0.27	0.23	0.35	61	
	00135-00006	059.057: Sprouse: gry / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	GY	0.27	0.21	0.31	61	
	00135-00007	059.057: Sprouse: brz / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		BZ	0.27	0.25	0.39	61	
	00135-00008	059.057: Sprouse: brz / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	BZ	0.27	0.22	0.34	61	
	00136-00001	059.057: Sprouse: SB70 / arg / SB70 - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.21	0.42	62	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00136-00002	059.057: Sprouse: SB70 / arg / SB70 - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.19	0.37	62	
	00136-00003	059.057: Sprouse: SB70 / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.27	0.21	0.41	62	
	00136-00004	059.057: Sprouse: SB70 / arg / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.27	0.19	0.36	62	
	00137-00001	059.057: Sprouse: 71/38 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.027(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.32	0.58	63	
	00137-00002	059.057: Sprouse: 71/38 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.027(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.28	0.51	63	
	00137-00003	059.057: Sprouse: 71/38 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.027(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.32	0.58	63	
	00137-00004	059.057: Sprouse: 71/38 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.027(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.28	0.51	63	
	00137-00005	059.057: Sprouse: gry / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		GY	0.26	0.29	0.39	63	
	00137-00006	059.057: Sprouse: gry / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.26	0.26	0.34	63	
	00137-00007	059.057: Sprouse: brz / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.26	0.31	0.43	63	
	00137-00008	059.057: Sprouse: brz / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.26	0.28	0.37	63	
	00137-00009	059.057: Sprouse: 63/31 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.026(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.26	0.52	63	
	00137-00010	059.057: Sprouse: 63/31 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.026(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.23	0.46	63	
	00137-00011	059.057: Sprouse: 63/31 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.26	0.52	63	
	00137-00012	059.057: Sprouse: 63/31 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.026(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.23	0.45	63	
	00137-00013	059.057: Sprouse: gry / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		GY	0.26	0.27	0.34	63	
	00137-00014	059.057: Sprouse: gry / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.26	0.24	0.30	63	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00137-00015	059.057: Sprouse: brz / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.26	0.29	0.38	63	
	00137-00016	059.057: Sprouse: brz / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.26	0.25	0.33	63	
	00137-00017	059.057: Sprouse: 55/27 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.024(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.23	0.45	63	
	00137-00018	059.057: Sprouse: 55/27 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.024(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.20	0.39	63	
	00137-00019	059.057: Sprouse: 55/27 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.024(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.22	0.45	63	
	00137-00020	059.057: Sprouse: 55/27 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.024(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.20	0.39	63	
	00137-00021	059.057: Sprouse: gry / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		GY	0.26	0.25	0.30	63	
	00137-00022	059.057: Sprouse: gry / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.26	0.22	0.26	63	
	00137-00023	059.057: Sprouse: brz / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.26	0.27	0.33	63	
	00137-00024	059.057: Sprouse: brz / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.26	0.24	0.29	63	
	00137-00025	059.057: Sprouse: E366 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.022(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.22	0.53	63	
	00137-00026	059.057: Sprouse: E366 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.022(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.20	0.47	63	
	00137-00027	059.057: Sprouse: E366 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.022(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.22	0.53	63	
	00137-00028	059.057: Sprouse: E366 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.022(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.20	0.46	63	
	00137-00029	059.057: Sprouse: gry / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		GY	0.26	0.23	0.35	63	
	00137-00030	059.057: Sprouse: gry / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.26	0.21	0.31	63	
	00137-00031	059.057: Sprouse: brz / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.26	0.25	0.39	63	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00137-00032	059.057: Sprouse: brz / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.26	0.22	0.34	63	
	00138-00001	059.057: Sprouse: 71/38 / kry / 71/38 - (SS/SS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.30	0.50	64	
	00138-00002	059.057: Sprouse: 71/38 / kry / 71/38 - (SS/SS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.27	0.44	64	
	00138-00003	059.057: Sprouse: 71/38 / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.30	0.50	64	
	00138-00004	059.057: Sprouse: 71/38 / kry / 71/38 - (DS/DS) 3/4"	VI/VV	2	0.027(2),0.027(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.27	0.44	64	
	00138-00005	059.057: Sprouse: 63/31 / kry / 63/31 - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.23	0.40	64	
	00138-00006	059.057: Sprouse: 63/31 / kry / 63/31 - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.21	0.35	64	
	00138-00007	059.057: Sprouse: 63/31 / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.23	0.40	64	
	00138-00008	059.057: Sprouse: 63/31 / kry / 63/31 - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.026(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.21	0.35	64	
	00138-00009	059.057: Sprouse: 55/27 / kry / 55/27 - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.20	0.30	64	
	00138-00010	059.057: Sprouse: 55/27 / kry / 55/27 - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.18	0.26	64	
	00138-00011	059.057: Sprouse: 55/27 / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.20	0.30	64	
	00138-00012	059.057: Sprouse: 55/27 / kry / 55/27 - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.024(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.18	0.26	64	
	00138-00013	059.057: Sprouse: E366 / kry / E366 - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.21	0.42	64	
	00138-00014	059.057: Sprouse: E366 / kry / E366 - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.19	0.37	64	
	00138-00015	059.057: Sprouse: E366 / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.21	0.42	64	
	00138-00016	059.057: Sprouse: E366 / kry / E366 - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.022(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.19	0.37	64	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54			IA: Keystone Certifications, Inc.												
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00139-00001	059.057: Sprouse: 70/36 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.036(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.57	63
	00139-00002	059.057: Sprouse: 70/36 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.036(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.27	0.50	63
	00139-00003	059.057: Sprouse: 70/36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.57	63
	00139-00004	059.057: Sprouse: 70/36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.036(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.26	0.50	63
	00139-00005	059.057: Sprouse: gry / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.28	0.38	63
	00139-00006	059.057: Sprouse: gry / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.25	0.33	63
	00139-00007	059.057: Sprouse: brz / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.30	0.42	63
	00139-00008	059.057: Sprouse: brz / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.26	0.37	63
	00139-00009	059.057: Sprouse: SB60 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.035(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.32	0.59	63
	00139-00010	059.057: Sprouse: SB60 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.035(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.28	0.52	63
	00139-00011	059.057: Sprouse: SB60 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.31	0.59	63
	00139-00012	059.057: Sprouse: SB60 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.035(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.28	0.52	63
	00139-00013	059.057: Sprouse: gry / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.28	0.39	63
	00139-00014	059.057: Sprouse: gry / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.25	0.35	63
	00139-00015	059.057: Sprouse: brz / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.30	0.44	63
	00139-00016	059.057: Sprouse: brz / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.27	0.38	63
	00139-00017	059.057: Sprouse: TiAC36 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.034(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.56	63

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00139-00018	059.057: Sprouse: TiAC36 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.034(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.27	0.49	63	
	00139-00019	059.057: Sprouse: TiAC36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.034(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.27	0.30	0.55	63	
	00139-00020	059.057: Sprouse: TiAC36 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.034(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.27	0.26	0.49	63	
	00139-00021	059.057: Sprouse: gry / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		GY	0.27	0.28	0.37	63	
	00139-00022	059.057: Sprouse: gry / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.27	0.25	0.32	63	
	00139-00023	059.057: Sprouse: brz / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.27	0.30	0.41	63	
	00139-00024	059.057: Sprouse: brz / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.27	0.27	0.36	63	
	00140-00001	059.057: Sprouse: 70/36 / kry / 70/36 - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.28	0.48	64	
	00140-00002	059.057: Sprouse: 70/36 / kry / 70/36 - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.25	0.43	64	
	00140-00003	059.057: Sprouse: 70/36 / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.28	0.48	64	
	00140-00004	059.057: Sprouse: 70/36 / kry / 70/36 - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.036(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.25	0.42	64	
	00140-00005	059.057: Sprouse: SB60 / kry / SB60 - (SS/SS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.30	0.53	64	
	00140-00006	059.057: Sprouse: SB60 / kry / SB60 - (SS/SS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.27	0.46	64	
	00140-00007	059.057: Sprouse: SB60 / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.30	0.52	64	
	00140-00008	059.057: Sprouse: SB60 / kry / SB60 - (DS/DS) 3/4"	VI/VV	2	0.035(2),0.035(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.26	0.46	64	
	00140-00009	059.057: Sprouse: TiAC36 / kry / TiAC36 - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.28	0.47	64	
	00140-00010	059.057: Sprouse: TiAC36 / kry / TiAC36 - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.25	0.41	64	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00140-00011	059.057: Sprouse: TiAC36 / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.27	0.46	64	
	00140-00012	059.057: Sprouse: TiAC36 / kry / TiAC36 - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.034(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.24	0.40	64	
	00141-00001	059.057: Sprouse: SB70 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.018(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.22	0.53	63	
	00141-00002	059.057: Sprouse: SB70 / kry / clr - (SS/SS) 3/4"	VI/VV	2	0.018(2)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.20	0.46	63	
	00141-00003	059.057: Sprouse: SB70 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.22	0.52	63	
	00141-00004	059.057: Sprouse: SB70 / kry / clr - (DS/DS) 3/4"	VI/VV	2	0.018(2)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.20	0.46	63	
	00141-00005	059.057: Sprouse: gry / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		GY	0.26	0.23	0.35	63	
	00141-00006	059.057: Sprouse: gry / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	GY	0.26	0.21	0.31	63	
	00141-00007	059.057: Sprouse: brz / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		BZ	0.26	0.25	0.39	63	
	00141-00008	059.057: Sprouse: brz / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	BZ	0.26	0.22	0.34	63	
	00142-00001	059.057: Sprouse: SB70 / kry / SB70 - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.21	0.42	64	
	00142-00002	059.057: Sprouse: SB70 / kry / SB70 - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.19	0.37	64	
	00142-00003	059.057: Sprouse: SB70 / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.26	0.21	0.41	64	
	00142-00004	059.057: Sprouse: SB70 / kry / SB70 - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.018(3)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.26	0.19	0.36	64	
	00143-00001	059.057: Sprouse: 63/31 / arg / EPS - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.148(4)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.23	0.25	0.48	50	
	00143-00002	059.057: Sprouse: 63/31 / arg / EPS - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.148(4)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.23	0.22	0.43	50	
	00143-00003	059.057: Sprouse: 63/31 / arg / EPS - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.148(4)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.23	0.24	0.47	50	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00143-00004	059.057: Sprouse: 63/31 / arg / EPS - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.148(4)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.23	0.22	0.41	50	
	00143-00005	059.057: Sprouse: 55/27 / arg / EPS - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.148(4)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.23	0.22	0.42	50	
	00143-00006	059.057: Sprouse: 55/27 / arg / EPS - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.148(4)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.23	0.19	0.37	50	
	00143-00007	059.057: Sprouse: 55/27 / arg / EPS - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.148(4)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.23	0.21	0.40	50	
	00143-00008	059.057: Sprouse: 55/27 / arg / EPS - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.148(4)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.23	0.19	0.35	50	
	00143-00009	059.057: Sprouse: E366 / arg / EPS - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.148(4)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.23	0.21	0.50	50	
	00143-00010	059.057: Sprouse: E366 / arg / EPS - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.148(4)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.23	0.19	0.44	50	
	00143-00011	059.057: Sprouse: E366 / arg / EPS - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.148(4)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.23	0.21	0.48	50	
	00143-00012	059.057: Sprouse: E366 / arg / EPS - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.148(4)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.23	0.19	0.42	50	
	00144-00001	059.057: Sprouse: 70/36 / arg / EPS - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.148(4)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.23	0.29	0.53	49	
	00144-00002	059.057: Sprouse: 70/36 / arg / EPS - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.148(4)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.23	0.26	0.47	49	
	00144-00003	059.057: Sprouse: 70/36 / arg / EPS - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.148(4)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.23	0.28	0.51	49	
	00144-00004	059.057: Sprouse: 70/36 / arg / EPS - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.148(4)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.23	0.25	0.45	49	
	00144-00005	059.057: Sprouse: TiAC36 / arg / EPS - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.148(4)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.23	0.29	0.52	49	
	00144-00006	059.057: Sprouse: TiAC36 / arg / EPS - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.148(4)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.23	0.25	0.46	49	
	00144-00007	059.057: Sprouse: TiAC36 / arg / EPS - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.148(4)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.23	0.28	0.50	49	
	00144-00008	059.057: Sprouse: TiAC36 / arg / EPS - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.148(4)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.23	0.25	0.44	49	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00145-00001	059.057: Sprouse: SB70 / arg / EPS - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.148(4)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.23	0.21	0.49	50	
	00145-00002	059.057: Sprouse: SB70 / arg / EPS - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.148(4)	0.563	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.23	0.19	0.43	50	
	00145-00003	059.057: Sprouse: SB70 / arg / EPS - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.148(4)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.23	0.21	0.47	50	
	00145-00004	059.057: Sprouse: SB70 / arg / EPS - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.148(4)	0.500	P1-S	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.23	0.19	0.42	50	
	00146-00001	059.057: Sprouse: 63/31 / kry / EPS - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.148(4)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.22	0.25	0.48	52	
	00146-00002	059.057: Sprouse: 63/31 / kry / EPS - (SS/SS) 3/4"	VI/VV	2	0.026(2),0.148(4)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.22	0.22	0.43	52	
	00146-00003	059.057: Sprouse: 63/31 / kry / EPS - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.148(4)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.22	0.24	0.47	52	
	00146-00004	059.057: Sprouse: 63/31 / kry / EPS - (DS/DS) 3/4"	VI/VV	2	0.026(2),0.148(4)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.22	0.22	0.41	52	
	00146-00005	059.057: Sprouse: 55/27 / kry / EPS - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.148(4)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.22	0.22	0.42	52	
	00146-00006	059.057: Sprouse: 55/27 / kry / EPS - (SS/SS) 3/4"	VI/VV	2	0.024(2),0.148(4)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.22	0.19	0.37	52	
	00146-00007	059.057: Sprouse: 55/27 / kry / EPS - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.148(4)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.22	0.21	0.40	52	
	00146-00008	059.057: Sprouse: 55/27 / kry / EPS - (DS/DS) 3/4"	VI/VV	2	0.024(2),0.148(4)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.22	0.19	0.35	52	
	00146-00009	059.057: Sprouse: E366 / kry / EPS - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.148(4)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.22	0.21	0.50	52	
	00146-00010	059.057: Sprouse: E366 / kry / EPS - (SS/SS) 3/4"	VI/VV	2	0.022(2),0.148(4)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.22	0.19	0.44	52	
	00146-00011	059.057: Sprouse: E366 / kry / EPS - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.148(4)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.22	0.21	0.48	52	
	00146-00012	059.057: Sprouse: E366 / kry / EPS - (DS/DS) 3/4"	VI/VV	2	0.022(2),0.148(4)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.22	0.19	0.42	52	
	00147-00001	059.057: Sprouse: 70/36 / kry / EPS - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.148(4)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.23	0.29	0.53	51	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00147-00002	059.057: Sprouse: 70/36 / kry / EPS - (SS/SS) 3/4"	VI/VV	2	0.036(2),0.148(4)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.23	0.25	0.47	51	
	00147-00003	059.057: Sprouse: 70/36 / kry / EPS - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.148(4)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.23	0.28	0.51	51	
	00147-00004	059.057: Sprouse: 70/36 / kry / EPS - (DS/DS) 3/4"	VI/VV	2	0.036(2),0.148(4)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.23	0.25	0.45	51	
	00147-00005	059.057: Sprouse: TiAC36 / kry / EPS - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.148(4)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.23	0.29	0.52	51	
	00147-00006	059.057: Sprouse: TiAC36 / kry / EPS - (SS/SS) 3/4"	VI/VV	2	0.034(2),0.148(4)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.23	0.25	0.46	51	
	00147-00007	059.057: Sprouse: TiAC36 / kry / EPS - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.148(4)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.23	0.28	0.50	51	
	00147-00008	059.057: Sprouse: TiAC36 / kry / EPS - (DS/DS) 3/4"	VI/VV	2	0.034(2),0.148(4)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.23	0.25	0.44	51	
	00148-00001	059.057: Sprouse: SB70 / kry / EPS - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.148(4)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.22	0.21	0.49	52	
	00148-00002	059.057: Sprouse: SB70 / kry / EPS - (SS/SS) 3/4"	VI/VV	2	0.018(2),0.148(4)	0.563	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.22	0.19	0.43	52	
	00148-00003	059.057: Sprouse: SB70 / kry / EPS - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.148(4)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	N		CL	0.22	0.21	0.47	52	
	00148-00004	059.057: Sprouse: SB70 / kry / EPS - (DS/DS) 3/4"	VI/VV	2	0.018(2),0.148(4)	0.500	P1-S	Fill 1: KRY/AIR (90/10)	G	0.75	CL	0.22	0.19	0.42	52	
	00149-00001	059.057: Sprouse: clr / air / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3		0.250,0.250	P1-S	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.38	0.55	0.60	52	
	00150-00001	059.057: Sprouse: clr / air / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3		0.250,0.250	P1-S	Fill 1: AIR (100),Fill 2: AIR (100)	G	0.75	CL	0.39	0.49	0.53	52	
	00151-00001	059.057: Sprouse: 63/31 / arg / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: AIR (100)	N		CL	0.29	0.24	0.47	61	
	00151-00002	059.057: Sprouse: 55/27 / arg / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.024(2)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: AIR (100)	N		CL	0.29	0.22	0.41	61	
	00151-00003	059.057: Sprouse: E366 / arg / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.022(2)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: AIR (100)	N		CL	0.29	0.21	0.48	61	
	00152-00001	059.057: Sprouse: 63/31 / arg / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: AIR (100)	G	0.75	CL	0.31	0.22	0.41	61	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00152-00002	059.057: Sprouse: 55/27 / arg / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.024(2)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: AIR (100)	G	0.75	CL	0.31	0.19	0.36	61	
	00152-00003	059.057: Sprouse: E366 / arg / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.022(2)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: AIR (100)	G	0.75	CL	0.31	0.19	0.42	61	
	00153-00001	059.057: Sprouse: 70/36 / arg / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: AIR (100)	N		CL	0.29	0.28	0.52	61	
	00153-00002	059.057: Sprouse: TiAC36 / arg / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.034(2)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: AIR (100)	N		CL	0.29	0.28	0.50	61	
	00154-00001	059.057: Sprouse: 70/36 / arg / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: AIR (100)	G	0.75	CL	0.31	0.25	0.45	61	
	00154-00002	059.057: Sprouse: TiAC36 / arg / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.034(2)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: AIR (100)	G	0.75	CL	0.31	0.25	0.44	61	
	00155-00001	059.057: Sprouse: SB70 / arg / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: AIR (100)	N		CL	0.28	0.21	0.47	61	
	00156-00001	059.057: Sprouse: SB70 / arg / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: AIR (100)	G	0.75	CL	0.30	0.19	0.42	61	
	00157-00001	059.057: Sprouse: 63/31 / kry / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10), Fill 2: AIR (100)	N		CL	0.23	0.24	0.47	64	
	00157-00002	059.057: Sprouse: 55/27 / kry / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.024(2)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10), Fill 2: AIR (100)	N		CL	0.23	0.21	0.41	64	
	00157-00003	059.057: Sprouse: E366 / kry / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.022(2)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10), Fill 2: AIR (100)	N		CL	0.23	0.21	0.48	64	
	00158-00001	059.057: Sprouse: 63/31 / kry / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10), Fill 2: AIR (100)	G	0.75	CL	0.26	0.21	0.41	64	
	00158-00002	059.057: Sprouse: 55/27 / kry / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.024(2)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10), Fill 2: AIR (100)	G	0.75	CL	0.26	0.19	0.36	64	
	00158-00003	059.057: Sprouse: E366 / kry / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.022(2)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10), Fill 2: AIR (100)	G	0.75	CL	0.26	0.19	0.42	64	
	00159-00001	059.057: Sprouse: 70/36 / kry / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10), Fill 2: AIR (100)	N		CL	0.24	0.28	0.52	64	
	00159-00002	059.057: Sprouse: TiAC36 / kry / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.034(2)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10), Fill 2: AIR (100)	N		CL	0.24	0.28	0.50	64	
	00160-00001	059.057: Sprouse: 70/36 / kry / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10), Fill 2: AIR (100)	G	0.75	CL	0.26	0.25	0.45	64	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54													IA: Keystone Certifications, Inc.			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00160-00002	059.057: Sprouse: TiAC36 / kry / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.034(2)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10), Fill 2: AIR (100)	G	0.75	CL	0.26	0.25	0.44	64	
	00161-00001	059.057: Sprouse: SB70 / kry / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10), Fill 2: AIR (100)	N		CL	0.23	0.21	0.47	64	
	00162-00001	059.057: Sprouse: SB70 / kry / clr / air / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10), Fill 2: AIR (100)	G	0.75	CL	0.26	0.19	0.42	64	
	00163-00001	059.057: Sprouse: 63/31 / arg / 63/31 / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026(4)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: ARG/AIR (90/10)	N		CL	0.24	0.20	0.36	64	
	00163-00002	059.057: Sprouse: 55/27 / arg / 55/27 / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.024(2),0.024(4)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: ARG/AIR (90/10)	N		CL	0.24	0.17	0.27	64	
	00163-00003	059.057: Sprouse: E366 / arg / E366 / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.022(2),0.022(4)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: ARG/AIR (90/10)	N		CL	0.24	0.18	0.38	64	
	00164-00001	059.057: Sprouse: 63/31 / arg / 63/31 / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026(4)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.25	0.18	0.32	64	
	00164-00002	059.057: Sprouse: 55/27 / arg / 55/27 / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.024(2),0.024(4)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.25	0.15	0.24	64	
	00164-00003	059.057: Sprouse: E366 / arg / E366 / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.022(2),0.022(4)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.25	0.16	0.33	64	
	00165-00001	059.057: Sprouse: 70/36 / arg / 70/36 / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036(4)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: ARG/AIR (90/10)	N		CL	0.24	0.24	0.44	63	
	00165-00002	059.057: Sprouse: TiAC36 / arg / TiAC36 / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.034(2),0.034(4)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: ARG/AIR (90/10)	N		CL	0.24	0.23	0.42	63	
	00166-00001	059.057: Sprouse: 70/36 / arg / 70/36 / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036(4)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.25	0.21	0.38	63	
	00166-00002	059.057: Sprouse: TiAC36 / arg / TiAC36 / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.034(2),0.034(4)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10), Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.25	0.21	0.37	63	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54										IA: Keystone Certifications, Inc.						
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00167-00001	059.057: Sprouse: SB70 / arg / SB70 / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(4)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.23	0.18	0.37	64	
	00168-00001	059.057: Sprouse: SB70 / arg / SB70 / arg / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(4)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.25	0.16	0.33	64	
	00169-00001	059.057: Sprouse: 63/31 / kry / 63/31 / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026(4)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	N		CL	0.18	0.19	0.36	64	
	00169-00002	059.057: Sprouse: 55/27 / kry / 55/27 / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.024(2),0.024(4)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	N		CL	0.18	0.16	0.27	64	
	00169-00003	059.057: Sprouse: E366 / kry / E366 / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.022(2),0.022(4)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	N		CL	0.18	0.17	0.38	64	
	00170-00001	059.057: Sprouse: 63/31 / kry / 63/31 / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026(4)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	G	0.75	CL	0.19	0.17	0.32	64	
	00170-00002	059.057: Sprouse: 55/27 / kry / 55/27 / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.024(2),0.024(4)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	G	0.75	CL	0.19	0.15	0.24	64	
	00170-00003	059.057: Sprouse: E366 / kry / E366 / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.022(2),0.022(4)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	G	0.75	CL	0.19	0.16	0.33	64	
	00171-00001	059.057: Sprouse: 70/36 / kry / 70/36 / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036(4)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	N		CL	0.18	0.23	0.44	64	
	00171-00002	059.057: Sprouse: TiAC36 / kry / TiAC36 / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.034(2),0.034(4)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	N		CL	0.18	0.23	0.42	64	
	00172-00001	059.057: Sprouse: 70/36 / kry / 70/36 / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036(4)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	G	0.75	CL	0.19	0.21	0.38	64	
	00172-00002	059.057: Sprouse: TiAC36 / kry / TiAC36 / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.034(2),0.034(4)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	G	0.75	CL	0.19	0.21	0.37	64	

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54			IA: Keystone Certifications, Inc.												
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00173-00001	059.057: Sprouse: SB70 / kry / SB70 / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(4)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	N		CL	0.18	0.17	0.37	64
	00174-00001	059.057: Sprouse: SB70 / kry / SB70 / kry / clr - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(4)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	G	0.75	CL	0.19	0.16	0.33	64
	00175-00001	059.057: Sprouse: 63/31 / arg / 63/31 / arg / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026 (4),0.148(6)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.21	0.18	0.33	54
	00175-00002	059.057: Sprouse: 55/27 / arg / 55/27 / arg / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.024(2),0.024 (4),0.148(6)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.21	0.15	0.25	54
	00175-00003	059.057: Sprouse: E366 / arg / E366 / arg / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.022(2),0.022 (4),0.148(6)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.21	0.17	0.34	54
	00176-00001	059.057: Sprouse: 63/31 / arg / 63/31 / arg / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026 (4),0.148(6)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.22	0.16	0.29	54
	00176-00002	059.057: Sprouse: 55/27 / arg / 55/27 / arg / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.024(2),0.024 (4),0.148(6)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.22	0.14	0.22	54
	00176-00003	059.057: Sprouse: E366 / arg / E366 / arg / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.022(2),0.022 (4),0.148(6)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.22	0.15	0.30	54
	00177-00001	059.057: Sprouse: 70/36 / arg / 70/36 / arg / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036 (4),0.148(6)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.21	0.22	0.40	54
	00177-00002	059.057: Sprouse: TiAC36 / arg / TiAC36 / arg / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.034(2),0.034 (4),0.148(6)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.21	0.22	0.38	54
	00178-00001	059.057: Sprouse: 70/36 / arg / 70/36 / arg / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036 (4),0.148(6)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.22	0.20	0.35	54
	00178-00002	059.057: Sprouse: TiAC36 / arg / TiAC36 / arg / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.034(2),0.034 (4),0.148(6)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.22	0.19	0.33	54

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54			IA: Keystone Certifications, Inc.												
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00179-00001	059.057: Sprouse: SB70 / arg / SB70 / arg / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(4),0.148(6)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.21	0.17	0.34	54
	00180-00001	059.057: Sprouse: SB70 / arg / SB70 / arg / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(4),0.148(6)	0.250,0.250	P1-S	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.22	0.15	0.30	54
	00181-00001	059.057: Sprouse: 63/31 / kry / 63/31 / kry / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026(4),0.148(6)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	N		CL	0.17	0.18	0.33	61
	00181-00002	059.057: Sprouse: 55/27 / kry / 55/27 / kry / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.024(2),0.024(4),0.148(6)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	N		CL	0.17	0.15	0.25	61
	00181-00003	059.057: Sprouse: E366 / kry / E366 / kry / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.022(2),0.022(4),0.148(6)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	N		CL	0.17	0.16	0.34	61
	00182-00001	059.057: Sprouse: 63/31 / kry / 63/31 / kry / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.026(2),0.026(4),0.148(6)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	G	0.75	CL	0.17	0.16	0.29	61
	00182-00002	059.057: Sprouse: 55/27 / kry / 55/27 / kry / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.024(2),0.024(4),0.148(6)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	G	0.75	CL	0.17	0.14	0.22	61
	00182-00003	059.057: Sprouse: E366 / kry / E366 / kry / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.022(2),0.022(4),0.148(6)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	G	0.75	CL	0.17	0.15	0.30	61
	00183-00001	059.057: Sprouse: 70/36 / kry / 70/36 / kry / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036(4),0.148(6)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	N		CL	0.17	0.22	0.40	61
	00183-00002	059.057: Sprouse: TiAC36 / kry / TiAC36 / kry / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.034(2),0.034(4),0.148(6)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	N		CL	0.17	0.22	0.38	61
	00184-00001	059.057: Sprouse: 70/36 / kry / 70/36 / kry / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.036(2),0.036(4),0.148(6)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	G	0.75	CL	0.18	0.20	0.35	60
	00184-00002	059.057: Sprouse: TiAC36 / kry / TiAC36 / kry / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.034(2),0.034(4),0.148(6)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10),Fill 2: KRY/AIR (90/10)	G	0.75	CL	0.18	0.19	0.33	60

NFRC Product Certification Authorization Report



Manufacturer: Earthwise Group, LLC **Product Series:** 059.057 / 259.057 Patio Door **Simulation Lab:** SATI **Initial Cert. Date:** 07/11/2011
Street: 5796 Cedarview Court **Product Type:** DDSG **Sim. Report #:** A0761.02-116-45 R1 **Re-Certification Date:**
City/State/Zip: Liberty Township, OH 45044 **Air Leakage:** **Sim. Report Date:** 07/07/2011 **Revised Date:** 10/20/2011
Print Date: 02/21/2012 **Test Date:** 06/02/2010 **Expiration Date:** 06/02/2014

CPD Number: EWG-K-54			IA: Keystone Certifications, Inc.												
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00185-00001	059.057: Sprouse: SB70 / kry / SB70 / kry / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(4),0.148(6)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10), Fill 2: KRY/AIR (90/10)	N		CL	0.17	0.16	0.34	61
	00186-00001	059.057: Sprouse: SB70 / kry / SB70 / kry / EPS - (DS/DS/DS) 7/8"	VI/VV	3	0.018(2),0.018(4),0.148(6)	0.250,0.250	P1-S	Fill 1: KRY/AIR (90/10), Fill 2: KRY/AIR (90/10)	G	0.75	CL	0.17	0.15	0.30	61

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TATM	06/02/2010	2000 mm x 2000 mm	0.301	0.290	95176.03-201-46

Comments: 95% Argon dual probe sensed. 95% Krypton, Dual probe, 90% Argon, 90% Krypton, Single Probe. All options have galvanized steel reinforcement in fixed meeting and active panel stiles. 10/20/2011: Added Polyurethane Foam Option 4. 2/21/12 added options 5-186.

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

Authorized IA
Signature: _____