

NFRC Product Certification Authorization Report



Manufacturer: MGM Industries **Product Series:** 8005 Sliding Glass Door **Simulation Lab:** SNCT **Initial Cert. Date:** 01/11/2008
Street: 287 Free Hill Road **Product Type:** DDSG **Sim. Report #:** NCTL-110-14266-01 **Re-Certification Date:** 12/08/2011
City/State/Zip: Hendersonville, TN 37075 **Air Leakage:** 0.20000 **Sim. Report Date:** 08/24/2011 **Revised Date:** 08/24/2011
Print Date: 12/08/2011 **Test Date:** 09/27/2011 **Expiration Date:** 09/27/2015

CPD Number: MGM-A-18

IA: American Architectural Manufacturers Association

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.
	00004-00001	2mm Clear/AIR/2mm Clear	AV/VP	2		0.553	SU-D	Fill 1: AIR (100)	N		CL	0.48	0.63	0.66	43
	00004-00002	2mm Clear/AIR/2mm Clear	AV/VP	2		0.553	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.48	0.56	0.58	43
	00004-00003	3mm Clear/AIR/3mm Clear	AV/VP	2		0.514	SU-D	Fill 1: AIR (100)	N		CL	0.48	0.62	0.65	43
	00004-00004	3mm Clear/AIR/3mm Clear	AV/VP	2		0.514	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.48	0.54	0.57	43
	00004-00005	3mm Gray/AIR/3mm Clear	AV/VP	2		0.514	SU-D	Fill 1: AIR (100)	N		GY	0.48	0.48	0.44	43
	00004-00006	3mm Gray/AIR/3mm Clear	AV/VP	2		0.514	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.48	0.42	0.39	43
	00004-00007	3mm Bronze/AIR/3mm Clear	AV/VP	2		0.514	SU-D	Fill 1: AIR (100)	N		BZ	0.48	0.50	0.49	43
	00004-00008	3mm Bronze/AIR/3mm Clear	AV/VP	2		0.514	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.48	0.44	0.43	43
	00005-00001	2 mm LoE ² 270/AIR/2mm Clear	AV/VP	2	0.037(2)	0.553	SU-D	Fill 1: AIR (100)	N		CL	0.34	0.30	0.56	54
	00005-00002	2 mm LoE ² 270/AIR/2mm Clear	AV/VP	2	0.037(2)	0.553	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.26	0.49	54
	00005-00003	3 mm LoE ² 270/AIR/3mm Clear	AV/VP	2	0.037(2)	0.514	SU-D	Fill 1: AIR (100)	N		CL	0.34	0.30	0.55	54
	00005-00004	3 mm LoE ² 270/AIR/3mm Clear	AV/VP	2	0.037(2)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.26	0.48	54
	00005-00005	2mm Clear/AIR/2 mm LoE ² 270	AV/VP	2	0.037(3)	0.553	SU-D	Fill 1: AIR (100)	N		CL	0.34	0.37	0.56	54
	00005-00006	2mm Clear/AIR/2 mm LoE ² 270	AV/VP	2	0.037(3)	0.553	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.33	0.49	54
	00005-00007	3mm Clear/AIR/3 mm LoE ² 270	AV/VP	2	0.037(3)	0.514	SU-D	Fill 1: AIR (100)	N		CL	0.34	0.36	0.55	54
	00005-00008	3mm Clear/AIR/3 mm LoE ² 270	AV/VP	2	0.037(3)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.32	0.48	54
	00005-00009	3mm Gray/AIR/3 mm LoE ² 270	AV/VP	2	0.037(3)	0.514	SU-D	Fill 1: AIR (100)	N		GY	0.34	0.28	0.38	54
	00005-00010	3mm Gray/AIR/3 mm LoE ² 270	AV/VP	2	0.037(3)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.34	0.25	0.33	54
	00005-00011	3mm Bronze/AIR/3 mm LoE ² 270	AV/VP	2	0.037(3)	0.514	SU-D	Fill 1: AIR (100)	N		BZ	0.34	0.29	0.42	54
	00005-00012	3mm Bronze/AIR/3 mm LoE ² 270	AV/VP	2	0.037(3)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.34	0.26	0.36	54
	00005-00013	3 mm LoE ² 270/AIR/3mm Gray	AV/VP	2	0.037(2)	0.514	SU-D	Fill 1: AIR (100)	N		GY	0.34	0.29	0.38	54
	00005-00014	3 mm LoE ² 270/AIR/3mm Gray	AV/VP	2	0.037(2)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.34	0.25	0.33	54
	00005-00015	3 mm LoE ² 270/AIR/3mm Bronze	AV/VP	2	0.037(2)	0.514	SU-D	Fill 1: AIR (100)	N		BZ	0.34	0.29	0.42	54
	00005-00016	3 mm LoE ² 270/AIR/3mm Bronze	AV/VP	2	0.037(2)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.34	0.26	0.36	54
	00006-00001	2 mm LoE ² 270/ARG/2mm Clear	AV/VP	2	0.037(2)	0.553	SU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.31	0.29	0.56	57

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	00006-00002	2 mm LoE ² 270/ARG/2mm Clear	AV/VP	2	0.037(2)	0.553	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.31	0.26	0.49	57
	00006-00003	3 mm LoE ² 270/ARG/3mm Clear	AV/VP	2	0.037(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.31	0.29	0.55	57
	00006-00004	3 mm LoE ² 270/ARG/3mm Clear	AV/VP	2	0.037(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.31	0.26	0.48	57
	00006-00005	2mm Clear/ARG/2 mm LoE ² 270	AV/VP	2	0.037(3)	0.553	SU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.31	0.37	0.56	57
	00006-00006	2mm Clear/ARG/2 mm LoE ² 270	AV/VP	2	0.037(3)	0.553	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.31	0.33	0.49	57
	00006-00007	3mm Clear/ARG/3 mm LoE ² 270	AV/VP	2	0.037(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.31	0.37	0.55	57
	00006-00008	3mm Clear/ARG/3 mm LoE ² 270	AV/VP	2	0.037(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.31	0.32	0.48	57
	00006-00009	3mm Gray/ARG/3 mm LoE ² 270	AV/VP	2	0.037(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		GY	0.31	0.28	0.38	57
	00006-00010	3mm Gray/ARG/3 mm LoE ² 270	AV/VP	2	0.037(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	GY	0.31	0.25	0.33	57
	00006-00011	3mm Bronze/ARG/3 mm LoE ² 270	AV/VP	2	0.037(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		BZ	0.31	0.29	0.42	57
	00006-00012	3mm Bronze/ARG/3 mm LoE ² 270	AV/VP	2	0.037(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.31	0.26	0.36	57
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	00006-00014	3 mm LoE ² 270/ARG/3mm Gray	AV/VP	2	0.037(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	GY	0.31	0.25	0.33	57
	00006-00015	3 mm LoE ² 270/ARG/3mm Bronze	AV/VP	2	0.037(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		BZ	0.31	0.29	0.42	57
	00006-00016	3 mm LoE ² 270/ARG/3mm Bronze	AV/VP	2	0.037(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.31	0.26	0.36	57
	00007-00001	2 mm LoE ³ 366/AIR/2mm Clear	AV/VP	2	0.022(2)	0.553	SU-D	Fill 1: AIR (100)	N		CL	0.34	0.22	0.52	54
	00007-00002	2 mm LoE ³ 366/AIR/2mm Clear	AV/VP	2	0.022(2)	0.553	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.20	0.45	54
	00007-00003	3 mm LoE ³ 366/AIR/3mm Clear	AV/VP	2	0.022(2)	0.514	SU-D	Fill 1: AIR (100)	N		CL	0.34	0.22	0.51	54
	00007-00004	3 mm LoE ³ 366/AIR/3mm Clear	AV/VP	2	0.022(2)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.20	0.45	54
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	00007-00007	3mm Clear/AIR/3 mm LoE ³ 366	AV/VP	2	0.022(3)	0.514	SU-D	Fill 1: AIR (100)	N		CL	0.34	0.31	0.51	54
	00007-00008	3mm Clear/AIR/3 mm LoE ³ 366	AV/VP	2	0.022(3)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.27	0.45	54
	00007-00009	3mm Gray/AIR/3 mm LoE ³ 366	AV/VP	2	0.022(3)	0.514	SU-D	Fill 1: AIR (100)	N		GY	0.34	0.24	0.35	54
	00007-00010	3mm Gray/AIR/3 mm LoE ³ 366	AV/VP	2	0.022(3)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.34	0.21	0.31	54

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	00007-00011	3mm Bronze/AIR/3 mm LoE ³ 366	AV/VP	2	0.022(3)	0.514	SU-D	Fill 1: AIR (100)	N		BZ	0.34	0.25	0.38	54
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	00007-00013	3 mm LoE ³ 366/AIR/3mm Gray	AV/VP	2	0.022(2)	0.514	SU-D	Fill 1: AIR (100)	N		GY	0.34	0.21	0.35	54
	00007-00014	3 mm LoE ³ 366/AIR/3mm Gray	AV/VP	2	0.022(2)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.34	0.19	0.31	54
	00007-00015	3 mm LoE ³ 366/AIR/3mm Bronze	AV/VP	2	0.022(2)	0.514	SU-D	Fill 1: AIR (100)	N		BZ	0.34	0.22	0.38	54
	00007-00016	3 mm LoE ³ 366/AIR/3mm Bronze	AV/VP	2	0.022(2)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.34	0.19	0.34	54
	00008-00001	2 mm LoE ³ 366/ARG/2mm Clear	AV/VP	2	0.022(2)	0.553	SU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.30	0.22	0.52	57
	00008-00002	2 mm LoE ³ 366/ARG/2mm Clear	AV/VP	2	0.022(2)	0.553	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.30	0.20	0.45	57
	00008-00003	3 mm LoE ³ 366/ARG/3mm Clear	AV/VP	2	0.022(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.30	0.22	0.51	57
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	00008-00005	2mm Clear/ARG/2 mm LoE ³ 366	AV/VP	2	0.022(3)	0.553	SU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.30	0.31	0.52	57
	00008-00006	2mm Clear/ARG/2 mm LoE ³ 366	AV/VP	2	0.022(3)	0.553	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.30	0.28	0.45	57
	00008-00007	3mm Clear/ARG/3 mm LoE ³ 366	AV/VP	2	0.022(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.30	0.31	0.51	57
	00008-00008	3mm Clear/ARG/3 mm LoE ³ 366	AV/VP	2	0.022(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.30	0.28	0.45	57
	00008-00009	3mm Gray/ARG/3 mm LoE ³ 366	AV/VP	2	0.022(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		GY	0.30	0.24	0.35	57
	00008-00010	3mm Gray/ARG/3 mm LoE ³ 366	AV/VP	2	0.022(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	GY	0.30	0.21	0.31	57
	00008-00011	3mm Bronze/ARG/3 mm LoE ³ 366	AV/VP	2	0.022(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		BZ	0.30	0.25	0.38	57
	00008-00012	3mm Bronze/ARG/3 mm LoE ³ 366	AV/VP	2	0.022(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.30	0.22	0.34	57
	00008-00013	3 mm LoE ³ 366/ARG/3mm Gray	AV/VP	2	0.022(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		GY	0.30	0.21	0.35	57
	00008-00014	3 mm LoE ³ 366/ARG/3mm Gray	AV/VP	2	0.022(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	GY	0.30	0.19	0.31	57
	00008-00015	3 mm LoE ³ 366/ARG/3mm Bronze	AV/VP	2	0.022(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		BZ	0.30	0.21	0.38	57
	00008-00016	3 mm LoE ³ 366/ARG/3mm Bronze	AV/VP	2	0.022(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.30	0.19	0.34	57
	00009-00001	3mm Gray/ARG/3mm Clear	AV/VP	2		0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		GY	0.46	0.48	0.44	44
	00009-00002	3mm Bronze/ARG/3mm Clear	AV/VP	2		0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		BZ	0.46	0.49	0.49	44

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TNCT	09/27/2011	2000mm X 2000mm	0.340	0.330	NCTL-110-14267-1

Comments:

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: _____