

NFRC Product Certification Authorization Report



Manufacturer: MGM Industries **Product Series:** 6010 Fixed **Simulation Lab:** SNCT **Initial Cert. Date:** 02/18/2004
Street: 287 Free Hill Road **Product Type:** FIXD **Sim. Report #:** NCTL-110-14258-01a **Re-Certification Date:** 11/14/2011
City/State/Zip: Hendersonville, TN 37075 **Air Leakage:** 0.10000 **Sim. Report Date:** 08/19/2011 **Revised Date:** 04/27/2012
Print Date: 04/27/2012 **Test Date:** 10/18/2011 **Expiration Date:** 10/18/2015

CPD Number: MGM-A-6

IA: American Architectural Manufacturers Association

Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyr	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00007-00001	2mm Clear/AIR/2mm Clear	VY/NA	2		0.553	SU-D	Fill 1: AIR (100)	N		CL	0.48	0.67	0.70	45
	00007-00002	2mm Clear/AIR/2mm Clear	VY/NA	2		0.553	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.48	0.60	0.62	45
	00007-00003	3mm Clear/AIR/3mm Clear	VY/NA	2		0.514	SU-D	Fill 1: AIR (100)	N		CL	0.48	0.65	0.69	45
	00007-00004	3mm Clear/AIR/3mm Clear	VY/NA	2		0.514	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.48	0.59	0.62	45
	00007-00005	3mm Gray/AIR/3mm Clear	VY/NA	2		0.514	SU-D	Fill 1: AIR (100)	N		GY	0.48	0.51	0.47	45
	00007-00006	3mm Gray/AIR/3mm Clear	VY/NA	2		0.514	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.48	0.46	0.42	45
	00007-00007	3mm Bronze/AIR/3mm Clear	VY/NA	2		0.514	SU-D	Fill 1: AIR (100)	N		BZ	0.48	0.52	0.52	45
	00007-00008	3mm Bronze/AIR/3mm Clear	VY/NA	2		0.514	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.48	0.47	0.46	45
	00008-00001	2 mm LoE ² 270/AIR/2mm Clear	VY/NA	2	0.037(2)	0.553	SU-D	Fill 1: AIR (100)	N		CL	0.33	0.31	0.59	57
	00008-00002	2 mm LoE ² 270/AIR/2mm Clear	VY/NA	2	0.037(2)	0.553	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.33	0.28	0.53	57
	00008-00003	3 mm LoE ² 270/AIR/3mm Clear	VY/NA	2	0.037(2)	0.514	SU-D	Fill 1: AIR (100)	N		CL	0.33	0.31	0.59	57
	00008-00004	3 mm LoE ² 270/AIR/3mm Clear	VY/NA	2	0.037(2)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.33	0.28	0.53	57
	00008-00005	2mm Clear/AIR/2 mm LoE ² 270	VY/NA	2	0.037(3)	0.553	SU-D	Fill 1: AIR (100)	N		CL	0.33	0.39	0.59	57
	00008-00006	2mm Clear/AIR/2 mm LoE ² 270	VY/NA	2	0.037(3)	0.553	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.33	0.35	0.53	57
	00008-00007	3mm Clear/AIR/3 mm LoE ² 270	VY/NA	2	0.037(3)	0.514	SU-D	Fill 1: AIR (100)	N		CL	0.33	0.38	0.59	57
	00008-00008	3mm Clear/AIR/3 mm LoE ² 270	VY/NA	2	0.037(3)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.33	0.35	0.53	57
	00008-00009	3mm Gray/AIR/3 mm LoE ² 270	VY/NA	2	0.037(3)	0.514	SU-D	Fill 1: AIR (100)	N		GY	0.33	0.30	0.40	57
	00008-00010	3mm Gray/AIR/3 mm LoE ² 270	VY/NA	2	0.037(3)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.33	0.27	0.36	57
	00008-00011	3mm Bronze/AIR/3 mm LoE ² 270	VY/NA	2	0.037(3)	0.514	SU-D	Fill 1: AIR (100)	N		BZ	0.33	0.31	0.44	57
	00008-00012	3mm Bronze/AIR/3 mm LoE ² 270	VY/NA	2	0.037(3)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.33	0.28	0.39	57
	00008-00013	3 mm LoE ² 270/AIR/3mm Gray	VY/NA	2	0.037(2)	0.514	SU-D	Fill 1: AIR (100)	N		GY	0.33	0.30	0.40	57
	00008-00014	3 mm LoE ² 270/AIR/3mm Gray	VY/NA	2	0.037(2)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.33	0.27	0.36	57
	00008-00015	3 mm LoE ² 270/AIR/3mm Bronze	VY/NA	2	0.037(2)	0.514	SU-D	Fill 1: AIR (100)	N		BZ	0.33	0.30	0.44	57
	00008-00016	3 mm LoE ² 270/AIR/3mm Bronze	VY/NA	2	0.037(2)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.33	0.27	0.39	57
	00009-00001	2 mm LoE ² 270/ARG/2mm Clear	VY/NA	2	0.037(2)	0.553	SU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.29	0.31	0.59	59

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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.	
	00009-00002	2 mm LoE ² 270/ARG/2mm Clear	VY/NA	2	0.037(2)	0.553	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.29	0.28	0.53	59	
	00009-00003	3 mm LoE ² 270/ARG/3mm Clear	VY/NA	2	0.037(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.29	0.31	0.59	59	
	00009-00004	3 mm LoE ² 270/ARG/3mm Clear	VY/NA	2	0.037(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.29	0.28	0.53	59	
	00009-00005	2mm Clear/ARG/2 mm LoE ² 270	VY/NA	2	0.037(3)	0.553	SU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.29	0.39	0.59	59	
	00009-00006	2mm Clear/ARG/2 mm LoE ² 270	VY/NA	2	0.037(3)	0.553	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.29	0.35	0.53	59	
	00009-00007	3mm Clear/ARG/3 mm LoE ² 270	VY/NA	2	0.037(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.29	0.39	0.59	59	
	00009-00008	3mm Clear/ARG/3 mm LoE ² 270	VY/NA	2	0.037(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.29	0.35	0.53	59	
	00009-00009	3mm Gray/ARG/3 mm LoE ² 270	VY/NA	2	0.037(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		GY	0.29	0.29	0.40	59	
	00009-00010	3mm Gray/ARG/3 mm LoE ² 270	VY/NA	2	0.037(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	GY	0.29	0.27	0.36	59	
	00009-00011	3mm Bronze/ARG/3 mm LoE ² 270	VY/NA	2	0.037(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		BZ	0.29	0.31	0.44	59	
	00009-00012	3mm Bronze/ARG/3 mm LoE ² 270	VY/NA	2	0.037(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.29	0.28	0.39	59	
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	00009-00016	3 mm LoE ² 270/ARG/3mm Bronze	VY/NA	2	0.037(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.29	0.27	0.39	59	
	00010-00001	2 mm LoE ³ 366/AIR/2mm Clear	VY/NA	2	0.022(2)	0.553	SU-D	Fill 1: AIR (100)	N		CL	0.33	0.23	0.55	58	
	00010-00002	2 mm LoE ³ 366/AIR/2mm Clear	VY/NA	2	0.022(2)	0.553	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.33	0.21	0.49	58	
	00010-00003	3 mm LoE ³ 366/AIR/3mm Clear	VY/NA	2	0.022(2)	0.514	SU-D	Fill 1: AIR (100)	N		CL	0.33	0.23	0.54	58	
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	00010-00007	3mm Clear/AIR/3 mm LoE ³ 366	VY/NA	2	0.022(3)	0.514	SU-D	Fill 1: AIR (100)	N		CL	0.33	0.32	0.54	58	
	00010-00008	3mm Clear/AIR/3 mm LoE ³ 366	VY/NA	2	0.022(3)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.33	0.29	0.49	58	
	00010-00009	3mm Gray/AIR/3 mm LoE ³ 366	VY/NA	2	0.022(3)	0.514	SU-D	Fill 1: AIR (100)	N		GY	0.33	0.25	0.37	58	
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	00010-00012	3mm Bronze/AIR/3 mm LoE ³ 366	VY/NA	2	0.022(3)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.33	0.24	0.36	58
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	00010-00015	3 mm LoE ³ 366/AIR/3mm Bronze	VY/NA	2	0.022(2)	0.514	SU-D	Fill 1: AIR (100)	N		BZ	0.33	0.23	0.41	58
	00010-00016	3 mm LoE ³ 366/AIR/3mm Bronze	VY/NA	2	0.022(2)	0.514	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.33	0.21	0.36	58
	00011-00001	2 mm LoE ³ 366/ARG/2mm Clear	VY/NA	2	0.022(2)	0.553	SU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.29	0.23	0.55	59
	00011-00002	2 mm LoE ³ 366/ARG/2mm Clear	VY/NA	2	0.022(2)	0.553	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	CL	0.29	0.21	0.49	59
	00011-00003	3 mm LoE ³ 366/ARG/3mm Clear	VY/NA	2	0.022(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		CL	0.29	0.23	0.54	59
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	00011-00011	3mm Bronze/ARG/3 mm LoE ³ 366	VY/NA	2	0.022(3)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		BZ	0.29	0.26	0.41	59
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	00011-00015	3 mm LoE ³ 366/ARG/3mm Bronze	VY/NA	2	0.022(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		BZ	0.29	0.23	0.41	59
	00011-00016	3 mm LoE ³ 366/ARG/3mm Bronze	VY/NA	2	0.022(2)	0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.29	0.21	0.36	59
	00012-00001	3mm Gray/ARG/3mm Clear	VY/NA	2		0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		GY	0.46	0.51	0.47	47
	00012-00002	3mm Gray/ARG/3mm Clear	VY/NA	2		0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	GY	0.46	0.46	0.42	47
	00012-00003	3mm Bronze/ARG/3mm Clear	VY/NA	2		0.514	SU-D	Fill 1: ARG/AIR (95/5)	N		BZ	0.46	0.52	0.52	47

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	00012-00004	3mm Bronze/ARG/3mm Clear	VY/NA	2		0.514	SU-D	Fill 1: ARG/AIR (95/5)	G	0.75	BZ	0.46	0.47	0.46	47

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TNCT	10/18/2011	1200mm X 1500mm	0.330	0.320	NCTL-110-14259-1

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: _____