

2005 WERS Certified Products Directory

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NOTES

1. U_w is the whole window *U-value*
2. $SHGC_w$ is the whole window *solar heat gain coefficient*
3. T_{vw} is the whole window *visible (light) transmittance*
4. Percentage improvement figures are compared with using base-case Generic Window 1 (3mm clear in standard aluminium frame)
5. A negative percentage improvement figure indicates performance worse than the base-case window
6. A positive percentage improvement figure indicates performance better than the base-case window
7. Maximum air infiltration is 5.0L/s.m² at a positive pressure difference of 75 Pa as measured according to AS 2047
8. Static performance (U_w $SHGC_w$ T_{vw} T_{dw}) calculated using Window 5.2 and Therm 2.1 software (LBNL), 2000-2003
9. Annual energy performance (stars and % improvements) calculated using Nationwide House Energy Rating Software (NatHERS) according to procedures of WERS 2004.

3M AUSTRALIA P/L			version 1	COOLING % impr.	HEATING % impr.	Total Window System Values			
Product ID	FRAME	FILM	Uw			SHGCw	Tvw	Air Inf.	
*All film rated as applied to WERS Generic Window 1: Standard aluminium frame with 3mm clear glass									
MMM-05-001a	F#GGG_001a	LE50AMAR	46	-10	4.605	0.424	0.32	5.0	
MMM-05-002a	F#GGG_001a	LE20SIAR	56	-15	4.511	0.326	0.106	5.0	
MMM-05-003a	F#GGG_001a	LE35AMAR	54	-14	4.507	0.341	0.218	5.0	
MMM-05-004a	F#GGG_001a	P18AR	54	-20	4.889	0.33	0.109	5.0	
MMM-05-005a	F#GGG_001a	RE15SIX	55	-19	4.801	0.329	0.107	5.0	
MMM-05-006a	F#GGG_001a	RE20NEAR	43	-21	5.382	0.435	0.099	5.0	
MMM-05-007a	F#GGG_001a	RE35AMAR	54	-27	5.319	0.322	0.196	5.0	
MMM-05-008a	F#GGG_001a	RE35NEAR	34	-11	5.168	0.532	0.234	5.0	
MMM-05-009a	F#GGG_001a	RE50NEAR	27	-9	5.31	0.601	0.337	5.0	
MMM-05-010a	F#GGG_001a	RE70NEAR	18	-6	5.46	0.684	0.444	5.0	
MMM-05-011a	F#GGG_001a	S35NEAR	35	-19	5.606	0.513	0.217	5.0	
MMM-05-012a	F#GGG_001a	SCLAR150	10	-4	5.679	0.764	0.573	5.0	
MMM-05-013a	F#GGG_001a	SCLAR400	10	-4	5.676	0.757	0.566	5.0	
MMM-05-014a	F#GGG_001a	NV-25	40	-18	5.368	0.467	0.185	5.0	
MMM-05-015a	F#GGG_001a	NV-35	33	-15	5.425	0.537	0.257	5.0	
MMM-05-016a	F#GGG_001a	NV-45	23	-9	5.472	0.635	0.331	5.0	
MMM-05-017a	F#GGG_001a	NV-15	44	-22	5.423	0.423	0.107	5.0	