

Lexan* Thermoclear* Metallic Look Sheet

Combines aesthetics with excellent solar control properties

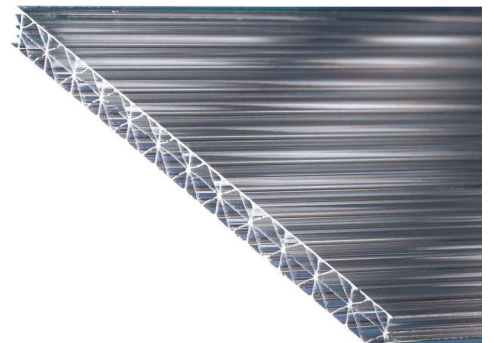
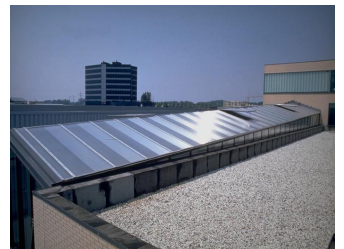
This new range of Lexan* Thermoclear* sheet contains fine metallic pigments in it and while providing a completely new look to your building, acts as a heat blocker by reflecting the heat. Also, it cuts down the brightness of the sun to a pleasant level. This material maintains the standard high level of mechanical properties of Lexan Thermoclear sheet.

Lexan* Thermoclear* Plus Metallic Look sheet offers:

- Excellent solar heat protection and very effective heat reflection
- Attractive metallic look
- Both sides U.V. protected
- Several rectangular X-structure designs
- Long term weather resistance under limited written warranty
- Light weight, easy installation
- High impact strength
- Outstanding thermal insulation properties

Lexan* Thermoclear* Metallic Look sheet can be an excellent candidate for:

- Roof lights
- Conservatories
- Roof domes
- Sheds
- Wall applications



Light / Solar Transmission and Product Availability

LT measurements according to EN 140 Large Sphere Spectrophotometer

Product code / grade [§]	Color	LT ‡	Direct ST ‡	Total ST**	Solar Heat		Shading		Standard sheet width (in mm)			
					Gain.Coeff.#	Coeff.##	980	1200	1250	2100		
LT2UV62RS13M	GY6A744M	16%	15%	34%	0.34	0.39				X		X
LT2UV102RS17M	GY6A744M	16%	15%	29%	0.29	0.33	X				X	X
LT2UV103X20M	GY6A744M	16%	15%	30%	0.30	0.34	X	X				X
LT2UV163TS28M	GY6A744M	16%	15%	22%	0.22	0.26	X				X	X
LT2UV163X29M	GY6A744M	16%	15%	28%	0.28	0.33	X	X				X
LT2UV166RS27M	GY6A744M	20%	19%	32%	0.32	0.36	X				X	X

§ Other gauges available on request.

‡ Light Transmission (LT) and Direct Solar Transmission (Direct ST) acc. EN 410 as measured on 600mm * 600mm samples.

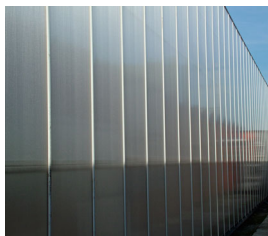
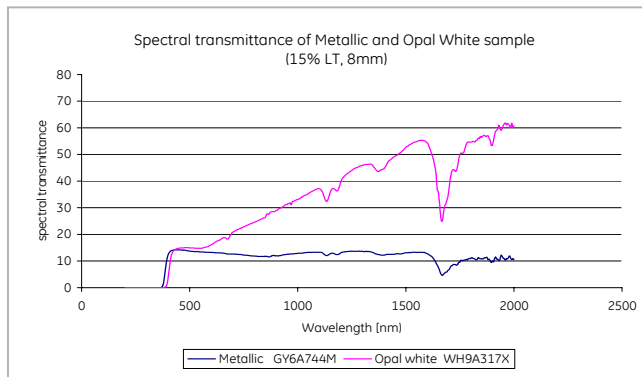
** Total Solar Transmission (Total ST) acc. EN 410 is the total solar energy that enters the interior of a building.

Solar Heat Gain Coefficient or g-value is the total solar energy that enters the interior of a building, divided by 100.

Shading Coefficient or b-value is the ratio of the total solar energy that enters the interior of a building with a given material and the total solar energy that enters the interior of a building with a standard 3mm glass panel.

UV Resistance

The complete Lexan* Thermoclear* Metallic Look sheet range features a proprietary both sides surface treatment designed to protect the sheets against the degrading effects of ultra-violet radiation in natural sunlight.



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