



PRODUCT DATA SHEET COOL-LITE® XTREME 50/22 II

COOL-LITE® XTREME 50/22 II is a heat-treatable, triple-silver solar control coating that provides an ideal balance for buildings with strict specifications. It improves comfort by reducing summer overheating and winter heat loss, all while maintaining a neutral appearance.

- Offices
- Healthcare
- Education
- Other

Benefits

Its moderate to high light transmission, together with the low solar factor, makes it the ideal product for creating bright spaces while avoiding traditional shading systems. The combination of low reflection and a neutral appearance makes it the perfect choice for modern architecture with large glass panes, even in hot climates. It can eliminate the need for shading systems and shutters, making it suitable for the renovation of historic buildings.

Processing

In order to achieve its performances and aesthetics, **COOL-LITE® XTREME 50-22 II** must be:

- Tempered, compatible with Heat Soak Test
- Edge deleted prior to assembling
- Assembled into an insulated glazing unit
- Positioned on the face 2 (inside the IGU)

*Please contact us for more details

Applications

This product features an extremely selective solar control coating primarily for use in the commercial and premium building market.

Due to the high performance of the coating, it is ideally suited for use in facades or overhead glazing in applications requiring toughened or heat-treated glass, for example:

Performance

Average performance data are based on NFRC standards for center-of-glass only in the glazing configuration 6mm | 12mm | 6mm with coating on surface #2.

	SUBSTRATE	Visible Light Transmittance (VLT%)	Solar Heat Gain Coefficient (SHGC)	Shading Coefficient (SC)	Light to Solar Gain (LSG)	External Light Reflectance LRe [%]	Internal Light Reflectance LRi [%]	Ug-Value*Winter [W/m2K]			U-Value Btu/(h.ft2.F)	
								1/2" air	1/2" air (R)	5/8" (16mm) argon	1/2" air	5/8" Argon
COOL-LITE® XTREME 50/22 II	Planiclear®	47	0.20	0.23	2.2	16	18	1.61	0.62	1.39	0.28	0.24
COOL-LITE® XTREME 50/22 II	Diamant®	48	0.20	0.23	2.4	16	18	1.61	0.65	1.38	0.28	0.24