



Architectural Window Film

Data Sheet

SolarZone™ Exterior

XTRM Silver™ 20, 30, XTRM SkyLite™ S20X, XTRM Polyzone™ SkyLite™ S20X

Introduction

XTRM is a new generation of long service life exterior window films. Its exceptional durability delivers energy-efficient performance year after year. XTRM delivers outstanding levels of heat rejection and UV block, and is compatible with nearly all types of glazing.

Typical Usage

- Commercial projects for a long Return of Investment
- XTRM long service life exterior films offer the ideal solution for reducing heat build-up – and energy bills – over the long term. With a prolonged service life, you gain greater savings, for a longer time

Product Construction

Face: XTRM Silver 20, 30. XTRM SkyLite S20, XTRM Polyzone SkyLite S20

Adhesive: Pressure sensitive permanent - solvent based acrylic

Liner: PET

Certificates

Fire Certificates: DIN EN 13501-1: 2010 B-s1, d0



Shelf Life and storage conditions:

When stored in original packaging upon arrival at the customer: 2 years.
Recommended Storage conditions are 20 °C (\pm 2 °C) with 50 %RH (\pm 5%).

Key Features

- XTRM Silver 20X and 35X for exterior application to vertical architectural glass
- XTRM SkyLite Silver 20X and PolyZone SkyLite for exterior application to flat and sloped roofing applications, for glass and plastic glazing
- To be installed by certified installers

Film Performance

Warranted Durability in Years:

	XTRM Silver 20X	XTRM Silver 35X	XTRM SkyLite S20X	XTRM PolyZone SkyLite S20X
Vertical	Up to 15	Up to 15	-	-
Horizontal / Sloped	5	5	Up to 10	10



Optical & Solar Properties

Glazing Unit: Pane Single Clear 3mm	XTRM Silver 20X	XTRM Silver 35X	XTRM SkyLite S20X	XTRM PolyZone SkyLite S20X
Visible Light Transmitted %	15	33	15	15
Visible Light Reflected - Interior %	63	42	63	63
Visible Light Reflected - Exterior %	63	42	66	66
UV Block %	99	99	99	99
Total Solar Energy Reflected %	64	45	64	64
Total Solar Energy Transmitted %	11	25	10	10
Total Solar Energy Absorbed %	25	30	26	26
Emissivity (Room Side)	0.84	0.84	0.84	0.84
Glare Reduction %	84	63	84	84
Selective InfraRed Reduction %	91	83	91	92
InfraRed Energy Reduction %	84	75	85	85
Shading Coefficient	0.20	0.39	0.20	0.20
Solar Heat Gain Coefficient (G-Value)	0.17	0.34	0.17	0.17
U-Value Winter (IP)	1.04	1.04	1.03	1.03
U-Value Winter (SI)	5.91	5.91	5.85	5.85
Luminous Efficacy	0.75	0.84	0.75	0.75
Total Solar Energy Rejected	83	66	83	83



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