



Architectural Window Film

Data Sheet

SolarZone™ Exterior XTRM Titan™ 07, 20, 35

Introduction

XTRM is a new generation of long service life exterior window films. Its exceptional durability provides 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 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 Titan 07, 20, 35

Adhesive: Pressure sensitive permanent - solvent based acrylic

Liner: PET

Certificates

Safety Certificates:

- Titan 07, 35: DIN EN 13501-1: 2010 B-s1, d0, DIN EN 13823, DIN EN ISO 11925-2



Shelf Life and storage conditions:

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

Key Features

- XTRM Titan 07, 20, 35 neutral grey films combine a high performance, high privacy exterior with a low reflective interior appearance
- Ideal for vertical glass application for commercial, municipal and residential energy efficiency projects

Film Performance

Warranted Durability in Years:

	XTRM Titan 07	XTRM Titan 20	XTRM Titan 35
Vertical	Up to 10	Up to 10	Up to 10
Horizontal / Sloped	4	4	4



Optical & Solar Properties

Glazing Unit: Pane Single Clear 3mm	XTRM Titan 07	XTRM Titan 20	XTRM Titan 35
Visible Light Transmitted %	7	20	36
Visible Light Reflected - Interior %	20	17	14
Visible Light Reflected - Exterior %	66	40	22
UV Block %	99	99	99
Total Solar Energy Reflected %	66	44	25
Total Solar Energy Transmitted %	7	17	31
Total Solar Energy Absorbed %	27	39	44
Emissivity (Room Side)	0.84	0.84	0.84
Glare Reduction %	92	78	61
Selective InfraRed Reduction %	94	83	70
InfraRed Energy Reduction %	87	73	58
Shading Coefficient	0.17	0.33	0.50
Solar Heat Gain Coefficient (G-Value)	0.15	0.29	0.43
U-Value Winter (IP)	1.04	1.04	1.04
U-Value Winter (SI)	5.91	5.91	5.91
Luminous Efficacy	0.41	0.61	0.72
Total Solar Energy Rejected	85	71	57



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