



Architectural Window Film

Data Sheet

SolarZone™ Exterior

XTRM e-Lite™ 70

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. XTRM e-Lite 70 window film effectively reduces solar heat gain while retaining high level of daylight and preserving the natural appearance of the glass.

Typical Usage

- Excellent choices for maintaining light levels in residential buildings, museums, historical buildings and 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: e-Lite 70

Adhesive: Pressure sensitive permanent - solvent based acrylic

Liner: PET

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

- Enhancing the efficiency of high performing, reflective, tinted, laminated, or Low-E glass
- e-Lite XTRM provides an effective yet discrete energy saving solution that preserves the architectural integrity of high-end commercial and residential projects



Film Performance

Warranted Durability in Years:

Vertical	12
Horizontal / Sloped	6

Optical & Solar Properties

	Single Clear	Double Pane
Visible Light Transmitted %	66	60
Visible Light Reflected - Interior %	16	22
Visible Light Reflected - Exterior %	17	21
UV Block %	99.9	99.9
Total Solar Energy Reflected %	29	31
Total Solar Energy Transmitted %	35	31
Total Solar Energy Absorbed %	36	38
Emissivity (Room Side)	0.84	0.84
Glare Reduction %	26	33
Shading Coefficient	0.53	0.44
Solar Heat Gain Coefficient (G-Value)	0.46	0.38
Luminous Efficacy	1.24	1.36
Total Solar Energy Rejected	54	62

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