



Architectural Window Film

Data Sheet

SolarZone™ Exterior

OptiLite™ 75 Xtra

Introduction

The SolarZone range of Spectrally Selective window films, E-Lite and OptiLite, effectively reduce solar heat gain while retaining high levels of daylight and preserving the natural appearance of the glass. Spectrally Selective films present the energy-saving choice that compromise neither façade nor view. OptiLite's subtle blue tint filters 88% of heat-building IR radiation to keep the building cooler without blocking welcome daylight. Available in 75% VLT with PS adhesive for external installation.

Typical Usage

- Exterior applications both in commercial and private projects

Product Construction

Face: OptiLite 75

Adhesive: Pressure sensitive Permanent - solvent based acrylic

Liner: PET

Certificates

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



Hanita Coatings

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

- High visible light transmission is barely discernible on glass; yields high levels of natural daylight
- High heat rejection enhances comfort and reduces cooling costs Low reflectivity preserves views night and day
- Natural appearance maintains building's original façade

Film Performance

Warranted Durability in Years:

	OptiLite 75 Xtra
Vertical	5
Horizontal / Sloped	3



Optical & Solar Properties

Glazing Unit: Pane Single Clear 3mm	OptiLite 75 Xtra
Visible Light Transmitted %	76
Visible Light Reflected - Interior %	9
Visible Light Reflected - Exterior %	9
UV Block %	99
Total Solar Energy Reflected %	8
Total Solar Energy Transmitted %	39
Total Solar Energy Absorbed %	53
Emissivity (Room Side)	0.84
Glare Reduction %	16
Selective InfraRed Reduction %	88
InfraRed Energy Reduction %	63
Shading Coefficient	0.62
Solar Heat Gain Coefficient (G-Value)	0.54
U-Value Winter (IP)	1.04
U-Value Winter (SI)	5.91
Luminous Efficacy	1.22
Total Solar Energy Rejected	46



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