

PRODUCT DATA SHEET

Avery Dennison® SkyLite Silver 20 XTRM PRO

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Introduction

Avery Dennison® XTRM PRO series is a new generation of extended life exterior window films. It's exceptional durability ensures long-term energy efficient performance. The films provide maximum energy efficiency and value. By rejecting excess solar radiation the Avery Dennison® Silver 20 SkyLite XTRM PRO films cut heat buildup through the glazing.

Conversion

For conversion information please contact your regional Sales Team.

Recommendations

Avery Dennison® XTRM PRO films are developed to tackle commercial projects, where a long-term service period is critical to payback. Avery Dennison® SkyLite XTRM PRO films are further developed to be applied on horizontal glazing systems.



Face Film

SkyLite Silver 20 XTRM PRO + Removable protective masking layer



Adhesive

Pressure sensitive Permanent – Solvent based acrylic



Backing

PET



Durability

Horizontal/Sloped up to 10 years



Shelf Life

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

Features

- » Warranted durability: Increased lifetime for the best long-term service period
- » Highest level of energy efficiency
- » Excellent solar heat and glare rejection
- » Upgraded building appearance
- » 99+% UV block
- » Edge sealing required to protect the metallized layer of the film

1) Warranted Durability

The warranty mentioned above is limited to installation locations of latitude Above 40°N. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facing south; in areas of long high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, exterior performance will be decreased. With regard to Avery Dennison Architectural Window Film Products, the durability shall not differ between the climatic zones, but the same durability shall apply to all climatic zones.

Physical Characteristics

Optical & Solar Properties:	SkyLite Silver 20 XTRM PRO	
	Single Pane	Double Pane
Glazing		
Visible Light Transmitted %	15	14
Visible Light Reflected (Int) %	63	65
Visible Light Reflected (Ext) %	66	66
UV BLock %	99.9	99.9
Total Solar Energy Reflected %	64	66
Total Solar Energy Transmitted %	10	10
Total Solar Energy Absorbed %	26	24
Emissivity (Room side)	0.84	0.84
Glare reduction %	84	83
Shading Coefficient	0.2	0.16
Solar Heatgain Coefficient	0.17	0.14
U-Value Winter	1.03	0.48
K-Value Winter	5.85	2.71
Luminous Efficacy	0.72	0.89
Total Solar Energy Rejected %	83	86
Selective InfraRed Reduction %	91	
InfraRed Energy Reduction %	85	

Important

Information on physical and chemical characteristics and values in this document are based upon tests we believe to be reliable and do not constitute a warranty. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use.

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