

PRODUCT DATA SHEET

Avery Dennison® SkyLite 20 XTRM Pro Series

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Introduction

XTRM PRO is our new durable exterior product line, where the SkyLite 20 XTRM PRO is designed for sloped/horizontal applications (typically roofing glazing systems). It is based on a new UV-durable surface coating, extending the product's longevity in harsh outdoor conditions, combined with a unique metal alloy that provides outstanding corrosion resistance. Product is designed without a scratch resistant topcoat, however installation is done with a protective sheet for scratch-free application (removed after installation).

Conversion

Advanced design of the Avery Dennison SkyLite 20 XTRM PRO series enables application without the need to edge seal.*

For conversion information please contact your regional Sales Team.

Recommendations

Avery Dennison® SkyLite 20 XTRM PRO films is developed to tackle commercial projects.

XTRM PRO's 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 longer.

Features

- » Enhanced durability - long-term warranty (including hot & humid areas) supported by exceptional anti-corrosion metal alloy and UV-durable coating.
- » Advanced design enables application without the need to edge seal*
- » Sustainable solution cutting energy cooling costs with short ROI, designed and processed in a way to minimize carbon footprint impact.
- » Appealing aesthetics - neutral appearance with high optical quality.
- » Solutions available for roofing applications on both glass or plastics substrates.
- » Compatible with clear glass (monolithic and laminated), tinted single panes, and clear IGUs**
- » SkyLite 20 XTRM PRO Poly line compatibility according to Poly installation guidelines.

*Edge sealing is required for any applications where water is pooling on edges.

** Application on other advanced glazing systems requires the outer pane to be tempered/heat strengthened. Details information can be found on the "Avery Dennison - Film to Glass Application Chart"



Face Film

SkyLite 20 XTRM PRO + Removable protective masking layer; SkyLite 20 XTRM Poly PRO + Removable protective masking layer



Adhesive

Pressure sensitive Permanent – Solvent based acrylic



Backing

PET



Durability

See below



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%).

Warranted Durability ¹⁾	SkyLite XTRM PRO	SkyLite XTRM PRO Poly
Vertical	-	-
Horizontal/Sloped	10	10

More information can be found in the ICS Performance Guarantee documentation.

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:

Product	SkyLite 20 XTRM PRO and SkyLite XTRM PRO Poly	SkyLite 20 XTRM PRO
Glazing	Single Pane	Double Pane
Visible Light Transmitted %	23	21
Visible Light Reflected (Int) %	31	35
Visible Light Reflected (Ext) %	26	27
UV Block %	99,9	99,9
Total Solar Energy Reflected %	26	26
Total Solar Energy Transmitted %	20	17
Total Solar Energy Absorbed %	54	57
Emissivity (Room side)	0,84	0,84
Glare Reduction %	74	74
Shading Coefficient	0,42	0,34
Solar Heat Gain Coefficient	0,37	0,27
U-Value Winter	1,04	0,48
K-Value Winter	5,91	2,75
Luminous Efficacy	0,55	0,68
Total Solar Energy Rejected %	63	73

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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