

SOLYX® Glass Finishes

SX-3140 Dusted Crystal



Product Details

SOLYX® SX-3140 Dusted Crystal Decorative Privacy Glass Films are recommended for application to interior glass, exterior glass and all acrylic and polycarbonate sheeting. This film is a premium, 2 mil (50 micron) cast vinyl with an etched surface. It is perfect for privacy, decorative or architectural applications.

The release liner is a plottable 4 mil synthetic liner..

Fire Rating

The product meets ASTM E84 and is classified as Class A, as defined in NFPA 101, Life Safety Code®.

Product Description

SOLYX® SX-3140 Dusted Crystal Film is a durable, dimensionally stable, translucent vinyl film. The etched look surface gives the uniform appearance of etched glass.

Specifications

Product Code	SX-3140
Product Family	Simple Frosted
Film Type	Vinyl
Adhesive Type	Pressure-sensitive
Usage	Interior or Exterior
Available Width(s)	24", 36", 48", 60"
Full Roll Length	100 linear feet
Thickness	2 mil
Shading Coefficient	.93%
Visible Light Reflectance	79%
Visible Light Transmission	85%
UV Transmission	17%
Solar Heat Reflectance	7%
Solar Heat Transmission	76%
Solar Heat Absorbance	17%

Installation and Warranty

Installation

Installation should be in accordance with manufacturer's installation instructions.

Warranty

This SOLYX® product will be free from defects in material and manufacture for a period of nine (9) years from the date of installation. See Warranty information for specific details.

Product Distribution and Contact Information

Distribution

SOLYX® Decorative Films are available through qualified Installing Dealers, Distributors or from Decorative Films, LLC

Samples submitted upon request.

Contact Information

Decorative Films, LLC
1-888-657-5224
www.decorativefilm.com

Product Construction

Face Film

2 mil cast vinyl

Adhesive

Adhesive Clear, Pressure-sensitive

Release Liner

Transparent, Synthetic, Plottable

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	4 - 20	
THICKNESS	Micrometer, Federal Bench Type	2-mil (50 micron)	
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	≥ 4.5 lb/in width	≥ 0.8 kg/cm width
ELONGATION	Instron Tensile Tester as above	≥ 150%	
SHELF LIFE	Free from excessive moisture, temperature, direct sunlight	3 Years from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	40°F to 90°F optimum	10°C to 30°C
HUMIDITY RESISTANCE	Applied to etched aluminum panels 24 hours prior to testing. 100% relative humidity 100° (38°) for 500 hours	No appreciable effect	
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	0.010 – 0.020 in	0.25 – 0.50 mm
PEEL ADHESION	PSTC-1, 15 min	60 oz/in	.65 kg/cm
LINER RELEASE	TLMI, 300 in/min (127 cm/min) 2 in (51 mm) wide sample	150 g/2 in	30 g/cm

PHYSICAL PROPERTIES

Outdoor Durability

9 years when properly processed and applied (Vertical exposure, unprinted film).

Minimum Surface/Ambient Air Application Temperature

40° F. (38° C)

Service Temperature Range

-40° F. to +225° F. (-40° C. to +107° C.) - Reasonable range of temperatures, which would be expected under normal environmental time and temperature conditions.

Typical Film Caliper (w/adhesive)

.0025 to .0035 inches

Chemical Resistance

Resists mild acids, alkalis, and salts.

Water Resistance

Excellent resistance to water.

NOTE: Always pretest your specific substrates prior to actual application.

Shelf Life

3 years when stored in a clean, dry area, out of the direct sunlight, and at less than 100° F. (38° C)



Notes: