

SOLYX® Glass Finishes

SX-3140 Dusted Crystal



Manufacturer Detail

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 added. It is perfect for privacy, decorative or architectural applications.

Fire Rating

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

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 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)	48" (1220mm) 60" (1524mm)
Length	150 linear feet (45.72m)
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%

Product Construction

Face Film

2 mil cast vinyl

Adhesive

Adhesive Clear, Pressure-sensitive

Release Liner

Transparent, Synthetic, Plottable

Product Details

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)

