



# PROPOSAL REQUEST

BRINKLEY SARGENT WIGINTON ARCHITECTS

Distribution: OWNER ☒ ARCHITECT ☒ CONSULTANT ☐ CONTRACTOR ☒ FIELD ☐ OTHER ☐

**PROJECT:** Williamson County Sheriff's Office Training Center  
8160 Chandler Road  
Hutto, TX 78634

**PROPOSAL REQUEST NO:** 25

**OWNER:** Williamson County  
3151 SE Inner Loop  
Georgetown, Texas 78626

**TO:** American Constructors, Inc.  
11900 West Parmer Lane  
Cedar Park, TX 78613

**INITIATION DATE:** 1/9/2018

**CONTRACT FOR:** General Construction

**PROJECT NO.:** 21522.00  
**CONTRACT DATE:** 12/20/16

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described herein.

**Description:** Incorporate the following revisions to the documents to provide light blackout film on exterior doors in Training and Defense Tactics.

Item No. 1. At doors 157B and 143B, provide Solyx SXF-5050-SOLYX 100% total Light Blockout film (White) on interior face of glass. Follow manufacturer's installation directions.

**Attachments:** Specification for SXF-5050 Total Light Blocking Safety Film

**END OF PROPOSAL REQUEST #25**

**ISSUED:** BRINKLEY SARGENT WIGINTON ARCHITECTS

By: David Achterberg

January 9, 2018

ARCHITECT

DATE

## SOLYX® Glass Finishes

### SXF-5050 Total Light Blocking Safety Film

**SOLYX: SXF-5050**  
Total Light Blockout



#### Product Details

**SOLYX® SXF-5050 Total Light Blocking Safety Film:** This film is designed for application to interior glass, single or double pane and exterior facing glass.

Safe for use on all types of glass without the concerns of Thermal Shock glass breakage. This film can also be installed on exterior applications. Made of durable Polyester with a satin surface, perfect for privacy, decorative or architectural applications. The total nominal thickness is 5 mil. Manufactured with a silicone liner, which protects the clear, pressure-sensitive adhesive, and applied using the same tools and techniques for window films.

#### Product Description

**SOLYX® SXF-5050 Total Light Blocking Safety Film** This is lamination of multi layer white opaque polyester films coated with a permanent pressure sensitive acrylic adhesive and backed with a clear ultra smooth polyester release liner.

#### Specifications

Product Code	SXF-5050
Product Family	Architectural/Opaque
Film Type	Polyester
Adhesive Type	Pressure-sensitive
Usage	Interior or Exterior
Available Width(s)	60" (1524mm)
Length	100 linear feet (30.5m)
Thickness	5 mil

Visible Light Reflection	15%
Visible Light Transmission	Less than .5%
UV Transmission	0%
Total Solar Energy Rejected	46%
Solar Energy Absorbed	31%
Glare Reduction	100%

#### Product Construction

Face Film	Adhesive	Release Liner
5 mil polyester	Clear, Pressure-sensitive	Silicone

#### 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 ten (10) years from the date of installation. See warranty information for specific details

#### MECHANICAL PROPERTIES

Structure	5 Mil.
Tensile Strength at Break	28,500 PSI
Break Strength	112 lb./inch
Elongation at Break	125%
Peel Strength	7 to 9 lb./inch

*Brings untempered glass up to Tempered Glass Safety Standards*

#### PASSES: ANSI Z97.1-1984

16 CFR 1201 U.S.G.S. Category 1: Break Strength 100PLI

#### 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](http://www.decorativefilm.com)

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**SOLYX® SXF-5050 White Total Light Blocking Safety film**

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**Product Construction Sheet**

**SOLYX: SXF-5050**  
Total Light Blockout

**GENERAL DESCRIPTION:**

This is lamination of multi layer white opaque polyester films coated with a permanent pressure sensitive acrylic adhesive and backed with a clear ultra smooth polyester release liner.

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**PHYSICAL PROPERTIES**

ASTM D 3652

Mil (micron) Adhesive: 0.8-0.9 (20-23) +/- 0.1 (3)

Film: 4.5 mil +/- 10 %

Adhesive: 1.2-1.3 (30-33) +/- 0.1 (3) V63 UV adhesive

Liner: 1.4 (36) +/- 5 %

Dimensional Stability (%) MD: 0.50 On Al panel at 160°F

TD: 0.50 (71°C) for 24 hr.

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**ADHESION PROPERTIES\*\***

Average Adhesion from oz/in (N/m)

Stainless Steel 91 (1001) ASTM D 903 (Modified for Acrylic 104 (1144) 72 hr dwell time)

Glass 81 (891)

Polypropylene 8 (88)

Expected Shear 100 + ASTM D 3654 Method A (1 hr (hours) dwell, 1 sq. in, 4 lb. load)

Tack (gm) 470 ASTM D 2979

\*\* For guidance only, not to be used for setting specifications. Due to the custom nature of this product the data presented are based on three or less production runs.

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**SERVICE TEMPERATURE RANGE** -40°F to 302°F (-40°C to 150°C)

Product may lose embossing over 100°F (37°C)

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**MINIMUM APPLICATION TEMPERATURE** 50°F (10°C)

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**STORAGE STABILITY** Two years stored at 70°F (21°C) and 50% RH

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**SOLAR PROPERTIES:**

Film Thickness	5 mil
Visible Light Transmitted	Less than .5%
Ultraviolet Radiation Rejected	100%
Total Solar Energy Absorbed	31%
Reflectance	15%
<b>Total Solar Energy Rejected</b>	<b>46%</b>

**MECHANICAL PROPERTIES**

Structure	5 Mil.
Tensile Strength at Break	28,500 PSI
Break Strength	112 lb./inch
Elongation at Break	125%
Peel Strength	7 to 9 lb./inch
<i>Brings untempered glass up to Tempered Glass Safety Standards</i>	

**PASSES:**

ANSI Z97.1-1984

16 CFR 1201 U.S.G.S. Category 1: Break Strength 100PLI

**Warranty:** The SOLYX® product will be free from defects in material and manufacture for a period of five (5) years from the date of installation. See Warranty information for specific details.



## Change Proposal

1/22/2018

AMERICAN CONSTRUCTORS, LLC  
11900 WEST PARMER LANE  
CEDAR PARK, TX 78613

Attn:

Project: WILLIAMSON CO SHERIFF'S OTC

Re: 009

Please add \$494.00 to Contract. Per GC request, Apply Solyx Whiteout (SXF-5050) to glass at doors 143B & 157B only.

Please sign or send confirmation.

**ACCEPTED BY:**

Caesar Barrientoz  
Project Manager

**ACCEPTED BY:**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Typed Name

\_\_\_\_\_  
Date

This proposal will be honored for 60 days.  
If you do not have an account, prepayment will be required.

Mailing Address: P.O. Box 191  
Round Rock, TX 78680

Showroom: 1609 Chisholm Trail #100  
Round Rock

