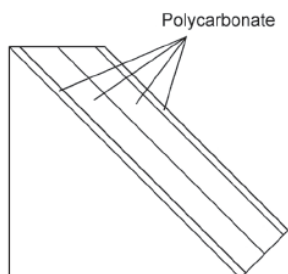


LEXGARD® SP1250 LAMINATE



DESCRIPTION

- LEXGARD® SP1250 laminate is a four-ply laminate primarily developed for security protection
- LEXGARD® SP1250 laminate provides dependable ballistic protection and exceptional abrasion resistance

TYPICAL PROPERTY VALUES

- Gauge/Tolerance: 1.24"±5%
- Weight: 7.7 lbs. per sq.ft.
- Shading Coefficient: 90 Clear
- U-Factor: 0.56%
- Light Transmission (Average Gardner Value): 67 (clear)

MAINTENANCE

LEXGARD® is a laminated polycarbonate makeup which includes exposed polycarbonate (plastic) on both interior and exterior surfaces of the makeup. It is **very important** to follow maintenance and cleaning instructions closely. To ensure the polycarbonate is not damaged, only approved cleaners and cleaning methods should be used. For complete maintenance and cleaning instructions, please contact Insulgard Security Products.

Offering innovative solutions for bullet, blast, impact and wind resistance.

SPECIFICATIONS

LEXGARD® SP1250 laminate: four-ply, clear, extruded polycarbonate of the following construction:

- 1/8" Polycarbonate sheet with an abrasion resistant surface
- Polyurethane interlayer
- 1/2" Polycarbonate sheet
- Polyurethane interlayer
- 1/2" Polycarbonate sheet
- Polyurethane interlayer
- 1/8" Polycarbonate sheet with an abrasion resistant surface

Material shall have a flexural strength not less than 13,500 psi (ASTM D790); 87% light transmission (ASTM D1003). Material shall be a total thickness of 1.24" ± 5%. Material shall have an abrasion resistant surface to improve service life performance, and must conform with ICBO, BOCA, and SBCCI Model Building Codes as an Approved Light Transmitting Plastic with a C2 (CC22) flammability performance level.

Available Colors:

- Clear (112)
- Grey (713)
- Bronze (5109)
- Green (31035)

Standard Sheet Sizes (in inches)

- 38 x 96
- 48 x 48
- 48 x 60
- 48 x 72
- 48 x 96
- 60 x 96
- 72 x 96

Santoprene® is either a registered trademark or trademark of Exxon Mobil.

Lexgard® is either a registered trademark or trademark of Global Security Glazing.

BALLISTIC & FORCED ENTRY RATING AND TEST RESULTS

Complies with the requirements of HPW-TP-0500.02 for Level V (Step 54) forced entry material.

Tested using ASTM F 1233-08 forced entry standard:

- Test result = Contraband Class III (Last step passed = Step 20)
- Test result = Body passage Class V (last step passes = Step 41)

Tested using ASTM F 1915-03 forced entry standard:

- Test Result = Security Grade Level 1
- Recognized by Underwriters Laboratory as providing Level 3 (.44 Magnum) handgun protection per UL Standard 752.
- Test procedures for above products are available from: H.P. White Laboratories, 3114 Scarboro Road, Street, Maryland 21154

GLAZING INFORMATION

- Structural security metal framing rated to the appropriate bullet resistant level is suggested.
- A minimum edge engagement of one (1) inch is recommended with allowances for material expansion. (Larger lites may require deeper engagements.)
- The use of compatible sealant or gasket material is recommended, with flexible material on both sides of the laminate.
- Do not use PVC gasket material.
- Do not use setting blocks made from PVC, EPDM, or neoprene rubber materials. Santoprene® rubber should be suggested. If these other rubber products are required, a protective barrier material should be used between the rubber setting block and the LEXGARD® sheet edge.

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SECURITY PRODUCTS

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