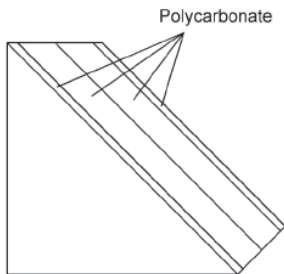


LEXGARD® SP1250 LAMINATE

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



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)

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

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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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