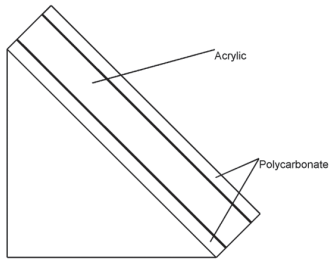


LEXGARD® HP875 LAMINATE



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

DESCRIPTION

- LEXGARD® HP875 laminate is a three-ply polycarbonate and acrylic laminate primarily developed for security protection.
- LEXGARD® HP875 laminate combines dependable ballistics protection and exceptional abrasion resistance.

TYPICAL PROPERTY VALUES

- Gauge/Tolerance: .860"±8%
- Weight: 5.4 lbs. per sq.ft.
- Shading Coefficient (Calculated): 1.03 Clear
- U-Factor: 0.67
- Light Transmission (Average Gardner Value): 86 (clear)

SPECIFICATIONS

LEXGARD® HP875 laminate: Three-ply, clear, extruded polycarbonate and acrylic sheet of the following construction:

- 3/16" Polycarbonate sheet with an abrasion resistant surface
- Polyurethane interlayer
- 1/2" Acrylic sheet
- Polyurethane interlayer
- 3/16" Polycarbonate sheet with an abrasion resistant surface

Material shall have a flexural strength not less than 13,500 psi (ASTM D790); 86% light transmission (ASTM D1003). Material shall be a total thickness of .860 ±8%. 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 (CC62) flammability performance level.

Available Colors: Clear (112)

Standard Sheet Sizes (in inches)

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

BALLISTIC RATING AND TEST RESULTS

Recognized by Underwriters Laboratories as providing Level 2 (.357 Magnum) protection per UL Standard 752.

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.

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

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

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