



LEXGARD® FE250 Laminate

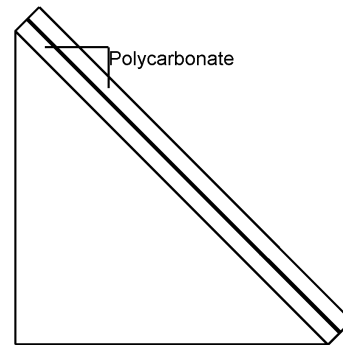
Product Datasheet

Description

LEXGARD® FE250 laminate is a two-ply polycarbonate laminate primarily developed for security protection. LEXGARD® FE250 laminate combines dependable protection and exceptional abrasion resistance.

Typical Property Values

Property	Value
Gauge/Tolerance	.265" ± 5 %
Weight	1.6 lbs per sq. ft
Shading Coefficient (Calculated)	1.06 (Clear)
U-Factor	.95
Light Transmission (Average Gardner Value)	90 (Clear)



LEXGARD® Laminates FE250

Specifications

LEXGARD® FE250 Laminate:

Two-ply, clear, extruded polycarbonate of the following construction:

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

Material shall have a flexural strength not less than 13,500 psi (ASTM D790); 90% light transmission (ASTM D1003). Material shall be a total thickness of .265 ±5%. Material shall have an abrasion resistant surface to improve service life performance.

Available Colors	Clear (112) Bronze (5109) Grey (713) Green(31035)
Standard Sheet Sizes (in inches)	38 x 96 48 x 48 48 x 60 48 x 96 48 x 72 60 x 96 72 x 96

Glazing Information

Structural security metal framing is suggested and where applicable rated to the appropriate security protection level.

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 is 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 a registered trademark of Exxon Mobil Corporation
LEXGARD® is a registered trademark of LEXGARD® Laminates LLC
Global Security Glazing, 616 Selfield Road, Selma, AL, 36703, 1-800-640-6541.