



TECHNICAL DATA  
FROM  
**Anemostat**<sup>®</sup>  
DOOR PRODUCTS  
A MESTEK COMPANY

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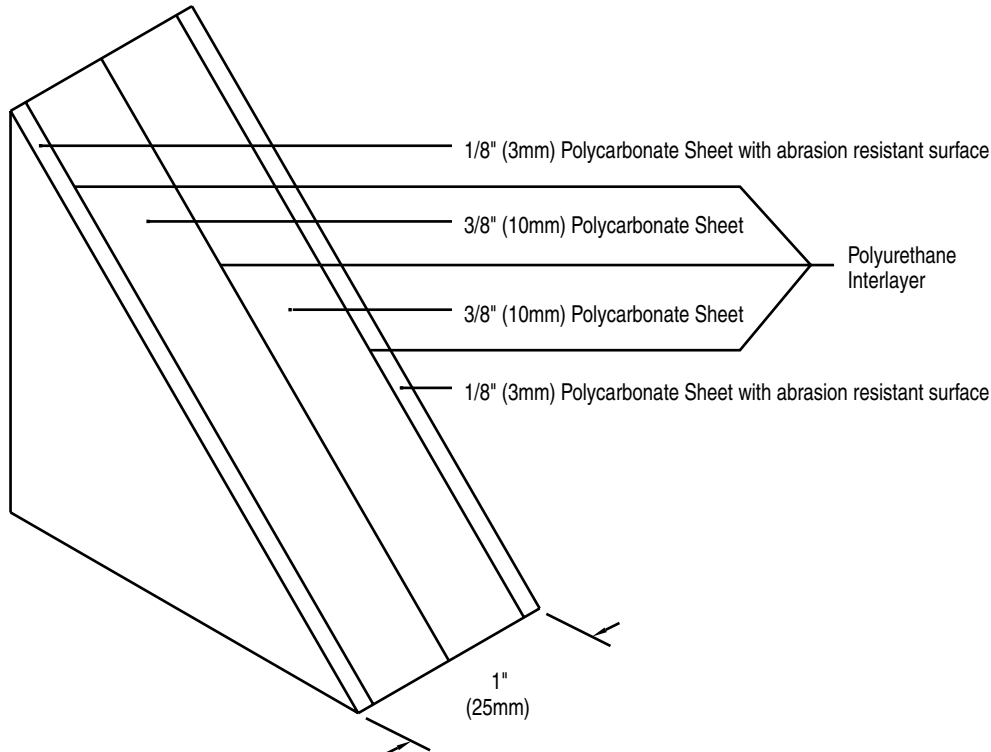
# MP-1000

## LEXGARD<sup>®</sup> LAMINATE 1" (25mm)

BULLET-RESISTANT and FORCED  
ENTRY  
SECURITY GLAZING

A product of Lexgard Laminates, LLC

### DETAIL DRAWING



±5% Tolerance

#### STANDARD PRODUCT FEATURES

- Lexgard MP-1000 laminate is a four-ply polycarbonate laminate primarily developed for Security protection. Lexgard MP-1000 laminate with an abrasion resistant surface combines dependable protection and exceptional abrasion resistance.
- Weight: 6.4 lbs. per sq.ft. (2.903 Kg per 0.093 m<sup>2</sup>)
- Shading Coefficient (calculated): .93 clear
- U-Factor: .62
- % Light Transmission: 72 clear (Average Gardner Value)
- Available Colors: Clear, Bronze, Gray
- Virtually Unbreakable
- CLEANING INSTRUCTIONS: Please see Cleaning Instructions for LEXAN, page 22, this section.

#### BALLISTICS and FORCED ENTRY RATINGS

- Complies with the requirement of H.P. White-TP-0500.00 for: Level B - Ballistic material (9 mm) handgun; Level V (step 42) - Forced-entry material.
- Complies with ASTM F1233-08 .38 super, bullet resistant protection Class V (step 41) - Forced-Entry Protection. Contraband Class II (Step 11)
- Recognized by Underwriters Laboratories as providing Level 2 (.357 Magnum) handgun protection per UL Standard 752.
- Conforms with ICBO, BOCA and SBCC1 model building codes as an approved light transmitting plastic with a C1 (CC-1) flammability performance level.

#### GLAZING INFORMATION

- Structural security metal framing is suggested and where applicable rated to the appropriate bullet resistant level. A minimum edge engagement of one (1) inch (25mm) 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<sup>®</sup> sheet edge.

\* Santoprene is a registered trademark of Exxon Mobil Corporation

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Job Name & Location	Submitted by

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