



MULFORD
PLASTICS
delivering solutions

POLYCARBONATE BULLET RESISTANT

Polycarbonate Bullet Resistant

Lexgard® products combine polycarbonate with polyurethane interlayer's to achieve various levels of resistance to ballistic threat and extensive attack resistance. Exposed polycarbonate surfaces have an abrasion resistant surface for maintenance. All Lexgard® products are fully tested and in compliance with industry specifications. Bullet Resistant products are UL listed and tested to a wide range of "no spall" protection levels. Our Single Responsibility® Program ensures that one firm is responsible for all phases of manufacturing.

Key Features

- Bullet Resistance
- Abrasion resistance
- Weatherability
- Chemical resistance
- Lightweight, easily fabricated

Product Applications

- Windows
- Cars
- Bank Screens
- Prison Screen
- Police Screens

POLYCARBONATE BULLET RESISTANT

TECHNICAL DATA SHEET

PROPERTY

Gauge/Tolerance
Weight
Shading Coefficient
U-Factor
% Light Transmission (Average Gardner Value)

VALUE

.750" $\pm 8\%$
4.6 lbs per sq. ft
1.04 Clear
.71
87 Clear

SPECIFICATIONS

LEXGARD® MP750 Laminate:

Three-ply, clear, extruded polycarbonate and acrylic sheet of the following construction:


- 1/8" Polycarbonate sheet with an abrasion resistant surface
- Polyurethane interlayer
- 1/2" Acrylic 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 .750 $\pm 8\%$. 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 (CC22) flammability performance level.

BALLISTIC RATINGS

Recognized by Underwriters Laboratories as providing Level 1 (9mm) protection per UL Standard 752.

 **AUST** 1300 MULFORD (1300 6853673) **NZ** 0800 MULFORD (0800 6853673)

 **AUST** Brisbane | Newcastle | Sydney | Melbourne | Adelaide | Perth
NZ Auckland | Hamilton | Wellington | Christchurch

 **WWW.MULFORDPLASTICS.COM**

