

LEXAN® MR10 Sheet & LEXAN® XL10 Sheet— Glazing that lasts through storm after storm

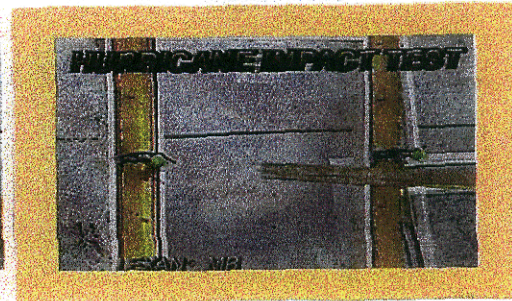
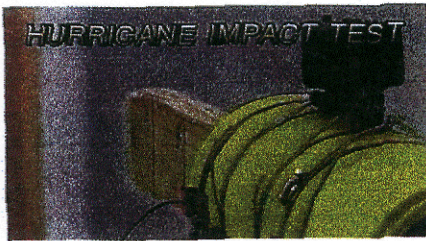
**When the wind shrieks past 75 mph,
and the rain falls sideways,
otherwise harmless objects can
become lethal projectiles.**

Propelled by hurricane-force winds, lawn chairs, road signs, lumber, tree limbs and other flying debris can destroy ordinary glass doors and windows in an instant. When doors and windows fail, the integrity of the building envelope is breached, resulting in internal pressurization of the structure. This internal pressure can lift the roof off a building or force the walls outward.

**The permanent, storm-ready,
transparent solution**

While shutters can provide storm protection for glazing and may meet the code requirements, they have a number of disadvantages. They're not ready at a moment's notice and must be re-applied or closed for each storm. They're difficult to apply above ground level, and they offer poor, if any, transparency. Permanently mounted shutters often detract from the aesthetics of a building. Removable metal shutters can be hard to install, requiring additional manpower, and

*LEXAN MR10 sheet withstands the
Dade County impact test without the
need for replacement.*



In recognition of the special hazard posed by windborne debris and of the importance of maintaining the structural integrity of doors and windows, in 1994 Dade County adopted tough new standards that govern the performance of glazing.

**LEXAN MR10 sheet & LEXAN XL10
sheet—impact resistant glazing that
exceeds the standard**

To pass the Dade County standard, a glazing material must withstand two impacts from a nine-pound 2x4 traveling at 50 feet per second without penetration. Tempered glass shatters instantly. Laminated glass survives the test without penetration but is so badly crazed and cracked that it must be replaced.

With LEXAN MR10 sheet for vertical glazing and LEXAN XL10 sheet for sloped and overhead applications, the 2x4 simply bounces off. These two remarkable glazing materials are virtually unbreakable.

sometimes substantial space is needed to store them. Finally, a shuttered building can alert would-be burglars, vandals, and looters that a building may be unattended.

Laminated glass overcomes many of the disadvantages of shutters but is not multi-storm capable: when impacts cause cracking and crazing, it needs to be replaced. Because it must be wet-glazed, replacement costs are high, and there are no warranties covering breakage of the material.

By contrast, hurricane resistant glazing made with LEXAN sheet is always ready for a storm without additional preparations and offers transparency as good as any glass window. It's a solution that's ready when you are, and when you are not.

LEXAN® MR10 Sheet

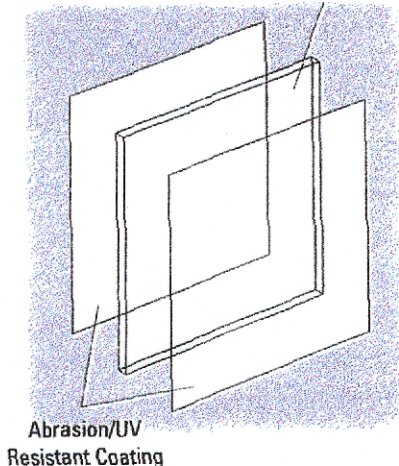


Figure 6

Extract from Lexan Brochure