

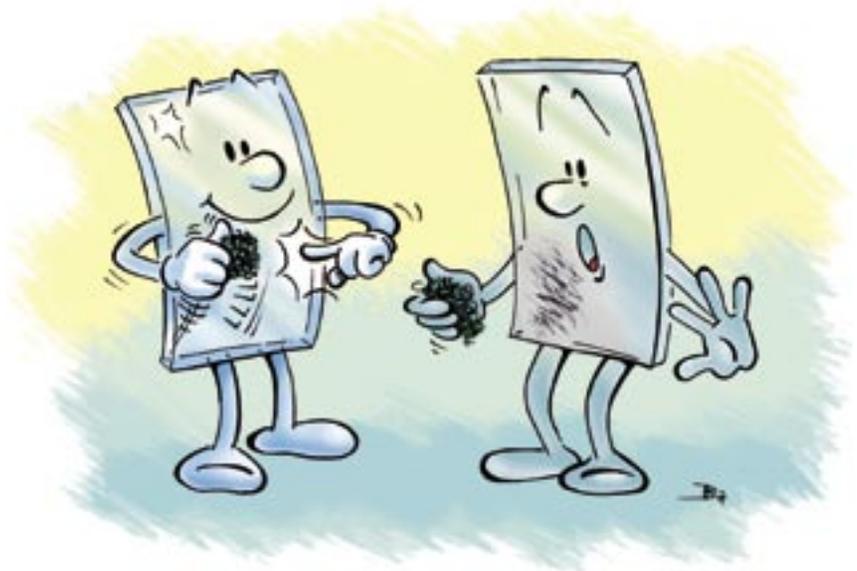
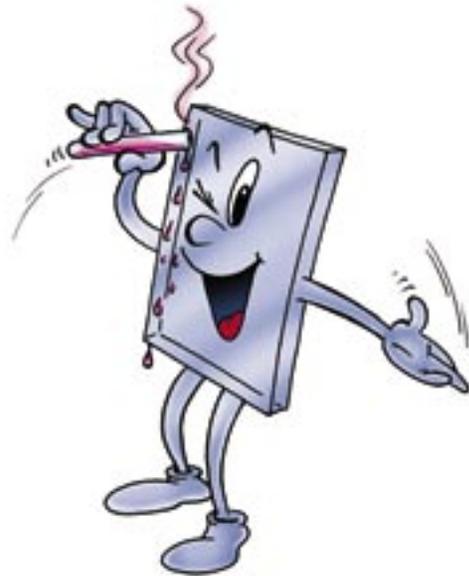
Great performer

The new Lexan* Margard* MR5E sheet with unique abrasion resistance and easy graffiti cleaning properties

Abrasion and UV resistant Lexan Margard MR5E sheet is an excellent candidate for anti-vandal glazing, security and vehicle glazing, safety screens, eye wear, soundwalls, bus shelters and machine guards. It will not shatter or splinter and its unique dual surface coating resists graffiti and enables easy cleaning.

The intrinsic properties of Lexan polycarbonate combined with its dual hard coated surface to provide

- High impact strength and protection against forced entry
- Graffiti and chemical resistance, excellent cleaning performance
- Excellent all weather performance
- Unique 10 year limited written warranty against breakage and 7 year limited written warranty against yellowing, loss of light transmission and coating failure
- Also available now in optical bright opal white color



Virtually unbreakable, tough, easy to clean

Abrasion resistance

After testing for abrasion resistance, Lexan* Margard* MR5E sheet exhibits significantly less hazing than uncoated polycarbonate sheet.

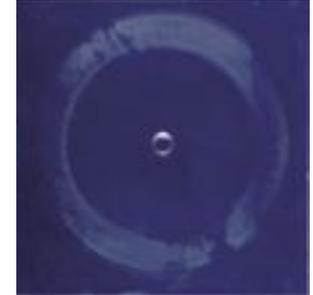
Impact strength

Virtually unbreakable, Lexan Margard MR5E sheet has up to 250 times the impact strength of glass and 30 times that of acrylic. Lexan sheet offers outstanding impact strength and complies with the majority of international standards. With a thickness of 4mm and upwards it complies with DIN 52290 part 4. It is suited for flat applications.

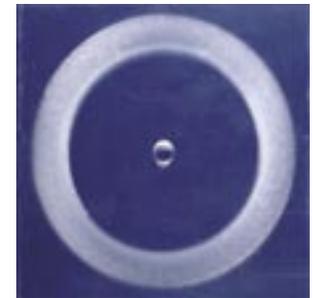
Material	% haze 500 cycles
Lexan Margard MR5E sheet	8%
Lexan 9030/Exell* D sheet	35%
Acrylic	35%
PVC	36%

Taber abrasion test

(ASTM-1044 / ISO 3575)
Samples after 500 rotations



Lexan Margard MR5E sheet



Lexan 9030 sheet

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