



Lexan® Margard®

Polycarbonate Sheet for Machine Guard Glazing

DIGMA 850 HSC

10
years
warranty
on impact
strength

MACHINE GUARDS

Helping to improve safety in the working environment and thereby reducing the number of industrial accidents, Lexan Margard is an ideal choice for glazing in operator windows and for machine glazing applications.

High impact resistance

Lexan Margard sheet offers extremely high impact resistance which does not vary significantly, even at temperatures as low as -40°C and up to $+120^{\circ}\text{C}$.

High resistance to abrasion

Lexan Margard sheet is hard coated to protect against surface scratching and to maintain clarity in applications where frequent contact and cleaning are likely.

High resistance to chemicals

Lexan Margard sheet offers high resistance to a wide range of critical chemicals, including cooling fluids, with virtually no degradation of the material and no loss in impact properties.

Installation options

- For operator windows:
Where the highest protection is demanded, Lexan Margard is recommended in combination with glass.
- For machine glazing:
Single layer Lexan Margard gives high protection and long life performance.

Versatile

Lexan Margard sheet is easy to install and fit to your requirements using conventional drilling or cutting techniques.

Excellent optical clarity

With transparency comparable with glass, Lexan Margard sheet provides an extremely clear view of the workpiece.

Comprehensive warranty*

Lexan Margard sheet carries a ten year limited warranty on impact strength.



* See warranty for details.

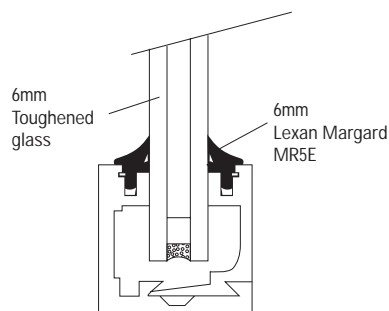


Lexan Margard in combination with glass for operator windows

Lexan Margard is double glazed incorporating a 6mm airspace and 6mm thick toughened glass on the attack face.

Material Grade	Thickness (mm)	Classification								
		A1	A2	A3	B1	B2	B3	C1	C2	C3
Mass of projectile		.625kg	.625kg	.625kg	1.25kg	1.25kg	1.25kg	2.5kg	2.5kg	2.5kg
Impact in J		320	781	2000	1562	2480	4000	3124	4960	8000
Lexan Margard	6	Pass			Pass					
"	8	Pass	Pass		Pass	Pass				
"	9.5	Pass	Pass	Pass	Pass	Pass		Pass		
"	12	Pass	Pass	Pass	Pass	Pass		Pass	Pass	
Lexgard	19	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

* Lexan Margard tested according to prEN12415, Machine Tools - Safety - Small numerically controlled turning machines and turning centres.



Lexan Margard for machine glazing

Material Grade	Thickness (mm)	Classification								
		A1	A2	A3	B1	B2	B3	C1	C2	C3
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