

ORACAL® SAFETY

Safety Window Film

Short description

PET window safety film with a multi-layered structure to protect against impact, against glass breakage and glass surfaces from shattering. The highly transparent Safety Window Films are available in different film thicknesses. The film is suitable for indoor installation in buildings, on glass facades and vehicles.

Front material

PET film, 0.375 mm

Liner

Polyester film, siliconised on one side

Adhesive

Solvent-polyacrylate permanent, Transparent

Technical properties

RESISTANCE

Durability	for indoor use, normal Central European climate 10 Year(s)	
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Tensile strength	Minimum tensile strength along 459 Minimum tensile strength across 459	
Temperature resistance	Minimum temperature -40 °C Maximum temperature 100 °C	

ADHESIVE PROPERTIES

Adhesive power	1.1 N-10mm
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PROCESSING

Application temperature	Minimum temperature 10 °C
Proposed application technology	Wet application

SUN PROTECTION PROPERTIES

Glare reduction	3 %
IR rejection	11 %
Reflecting (visible light, indoors)	9.5 %
Solar energy absorption	12.3 %
Solar energy reflection	8.5 %
Solar energy transmission	80 %
Total solar energy rejection	17.6 %
Transmission (visible light)	86.9 %
UV rejection	99 %

PRODUCT NOTE

Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any other contamination that could affect the adhesion of the material. Freshly lacquered or painted surfaces should be allowed to dry for at least three weeks and to completely cure. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material.

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IMPORTANT NOTES

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