ORACAL® SAFETY

Safety Window Film

Short description

PET window safety film with a one-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 outdoor installation in buildings, on glass facades and vehicles.

Front material

PET film, 0.1 mm

Liner

Polyester film, siliconised on one side

Adhesive

Solvent-polyacrylate, permanent, Transparent

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate 5 Year(s)	
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Tensile strength	Minimum tensile strength along 151 Minimum tensile strength across 151	
Temperature resistance	Minimum temperature -40 °C Maximum temperature 100 °C	

ADHESIVE PROPERTIES

Adhesive power	4.5 N-10mm	

PROCESSING

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

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SUN PROTECTION PROPERTIES

IR rejection	100 %
Reflecting (visible light, indoors)	8 %
Solar energy absorption	9 %
Solar energy reflection	7 %
Solar energy transmission	84 %
Total solar energy rejection	16.8 %
Transmission (visible light)	88.9 %
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.

IMPORTANT NOTES

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