

ORACAL® 8830

Diffuser Premium Cast

Short description

Matt-white diffuser cast film with 30 % light transmission. The film improves the light distribution and allows for even illumination of illuminated signs and illuminated advertising. The reduced surface gloss prevents unwanted reflections.

Front material

Cast PVC film, cast film, 0.055 mm

Liner

One-sided siliconized kraft paper, 137 g/m²

Adhesive

Solvent-polyacrylate permanent, Transparent, 0.03 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	10 Year(s)	
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Maximum shrinkage	Maximum shrinkage along 0.1 mm	FINAT TM 14
	Maximum shrinkage across 0 mm	
Elongation at break	Minimum elongation at break along 120 %	DIN EN ISO 527
	Minimum elongation at break across 120 %	
Tensile strength	Minimum tensile strength along 21 N/mm ²	DIN EN ISO 527
	Minimum tensile strength across 21 N/mm ²	
Temperature resistance	Minimum temperature -40 °C	Short-term exposure up to 80 °C
	Maximum temperature 60 °C	

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ADHESIVE PROPERTIES

Adhesive power	18 N/25 mm	adhered on glass, after 24 h Average value, FINAT TM 1
	16 N/25 mm	adhered on acrylic glass, after 24 h Average value, FINAT TM 1

PROCESSING

Application temperature	Minimum temperature 10 °C
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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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