

ORACAL® 8870

Blockout Film

Short description

Moulded opaque film, specifically for application in illuminated advertising if no light is to penetrate the film during back lighting. The silky-gloss surface texture of the film prevents unwanted reflections. Available in white with black rear and in black with white rear.

Front material

Cast PVC film, cast film, 0.1 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 Maximum shrinkage across 0.1 mm	bonded to steel FINAT TM 14
Elongation at break	Minimum elongation at break along 120 % Minimum elongation at break across 120 %	DIN EN ISO 527
Tensile strength	Minimum tensile strength along 17 N/mm ² Minimum tensile strength across 17 N/mm ²	DIN EN ISO 527
Temperature resistance	Minimum temperature -40 °C Maximum temperature 60 °C	Short-term exposure up to 80 °C

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ADHESIVE PROPERTIES

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