ORACAL® 770RA

Anti Graffiti Railway Film

Short description

Self-adhesive high-end special PVC film for large-format vehicle lettering on two-dimensional surfaces. The glossy, specially surface-finished and opaque plotter film features RapidAir technology for repositionable, virtually bubble-free application and excellent air release. After application, it provides permanent adhesion, an anti-graffiti effect and excellent dimensional stability. *Colors and dimensions available on request.

Front material

Special PVC film, cast film, 0.1 mm

Liner

RapidAir paper PE-coated on both sides, siliconised on one side, 143 g/m²

Adhesive

Solvent-polyacrylate, permanent, White, repositionable, 0.03 mm

Technical properties

RESISTANCE

Durability	with professional processing, with vertical outdoor weathering, central European normal climate	
	5 Year(s)	White, other colors up to 5 years (depending on color, on request)
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50 % relative humidity
Maximum shrinkage	Maximum shrinkage along 0.25 mm Maximum shrinkage across 0.25 mm	adhered on aluminium | FINAT TM 14, average value
Elongation at break	Minimum elongation at break along 100 % Minimum elongation at break across 100 %	DIN EN ISO 527
Tensile strength	Minimum tensile strength along 20 N/mm² Minimum tensile strength across 20 N/mm²	DIN EN ISO 527

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Temperature resistance	Minimum temperature -40 °C Maximum temperature 80 °C	Short-term exposure up to 80 °C |

ADHESIVE PROPERTIES

Adhesive power	14 N/25 mm	after 24 h, stainless steel | FINAT TM 1, average value

PROCESSING

Application temperature	Minimum temperature 10 °C	

Certificates

- ORACAL®770GRA_DB-ST-BE-26-78751-020-3.1.pdf (Download)
- ORACAL®770GRA_DB-ST-BE-26-78751-020-3.1.pdf (Download)

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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