

ORACAL® 961RA

Caravan Film Premium Cast

Short description

Moulded premium PVC film, with excellent adhesive properties on difficult substrates, in glossy white, black, silver grey, yolk yellow (further colours on request). The RapidAir technology allows for easy and quick, blister-free adhesion, in particular for large format adhesive objects. Air pockets can be easily removed from under the film.

Front material

Cast PVC film, cast film, 0.055 mm

Liner

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

Adhesive

Solvent-polyacrylate permanent, Transparent, 0.025 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	10 Year(s)	Black, white, applies for vertical outdoor weathering, central European normal climate
	8 Year(s)	coloured, applies for vertical outdoor weathering, central European normal climate
	6 Year(s)	metallic: silver grey, applies for vertical outdoor weathering and central European normal climate
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Resistance to solvents and chemicals	Oils, Greases, Fuels, Weak acids, Salts and alkalis, Isopropyl alcohol, Washing suds (0.5 % household cleaner)	At room temperature
Maximum shrinkage	Maximum shrinkage along 0.2 mm	Bonded to steel FINAT TM 14
	Maximum shrinkage across 0.2 mm	Bonded to steel FINAT TM 14

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Elongation at break	Minimum elongation at break along 150 %	Average value , Metallic: 120%, DIN EN ISO 527
	Minimum elongation at break across 150 %	Average value, metallic: 120%, DIN EN ISO 527
Tensile strength	Minimum tensile strength along 21 N/mm ²	DIN EN ISO 527
	Minimum tensile strength across 21 N/mm ²	
Seawater resistance	no change	after 100h/35°C adhered to aluminum, DIN EN ISO 9227
Temperature resistance	Minimum temperature -40 °C	Short-term exposure up to 80 °C
	Maximum temperature 60 °C	

ADHESIVE PROPERTIES

Adhesive power	20 N/25 mm	Average value, after 24 h stainless steel FINAT TM 1
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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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