ORACAL® 383

Ultraleaf Cast

Short description

Self-adhesive, cast and metallised film with a three-dimensional embossed structure. The alkyd resin surface gives Ultraleaf Cast excellent weather resistance and lasting form stability. Through the use of a permanent acrylate adhesive, excellent adhesion on a multitude of surfaces for long-term outdoor applications is achieved. Available in chrome and brushed chrome finishes.

Front material

Alkyd resin, 0.085 mm

Liner

One-sided siliconized kraft paper, 137 g/m²

Adhesive

Solvent-polyacrylate, permanent, Transparent, 0.03 mm

Recommended transfer materials

ORATAPE® HT95 Application Tape, ORATAPE® LT52 Application Tape, ORATAPE® LT95 Application Tape, ORATAPE® MT52 Application Tape, ORATAPE® MT72 Application Tape, ORATAPE® MT80P Application Tape, ORATAPE® MT95 Application Tape

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	5 Year(s)	with professional processing, with vertical outdoor weathering, 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 0.25 mm Maximum shrinkage across 0.25 mm	

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Elongation at break	Minimum elongation at break along 35 % Minimum elongation at break across 35 %	DIN EN ISO 527
Tensile strength	Minimum tensile strength along 17 N/mm² Minimum tensile strength across 17 N/mm²	DIN EN ISO 527
Temperature resistance	Minimum temperature -40 °C Maximum temperature 60 °C	Short-term exposure up to 110 °C

ADHESIVE PROPERTIES

Adhesive power	16 N/25 mm	after 24 h, on stainless steel | Average value, FINAT TM 1

PROCESSING

Application temperature	Minimum temperature 10 °C	

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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