

ORACAL® 1670

Opaque Vinyl

Short description

Special PVC film with high pigment content for maximum opacity. White, glossy surface.

Front material

Soft PVC Film, 0.11 mm

Liner

One-sided siliconized kraft paper, 137 g/m²

Adhesive

Polyacrylate, permanent, Transparent, 0.022 mm

Recommends laminating films

ORAGUARD® 210, ORAGUARD® 210DU, ORAGUARD® 215, ORAGUARD® 215DU, ORAGUARD® 213

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	3 Year(s)	
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Maximum shrinkage	Maximum shrinkage along 0.4 mm Maximum shrinkage across 0 mm	bonded to steel FINAT TM 14 FINAT TM 14
Elongation at break	Minimum elongation at break along 130 % Minimum elongation at break across 150 %	DIN EN ISO 527
Tensile strength	Minimum tensile strength along 19 N/mm ² Minimum tensile strength across 19 N/mm ²	DIN EN ISO 527
Seawater resistance	no change	after 100h/35°C adhered to aluminum, DIN EN ISO 9227

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Temperature resistance

Minimum temperature -40 °C
Maximum temperature 60 °C

Short-term exposure up to 80 °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

Certificates

- 1670G-010 C-s2_d0 Mineralischer_Untergrund Klassifizierung nach DIN EN 13501-1.pdf (Download)
- 1670G-010 C-s2_d0 Mineralischer_Untergrund Klassifizierung nach DIN EN 13501-1 - engl.pdf (Download)
- 1670G-010 C-s2_d0 Mineralischer_Untergrund Klassifizierung nach DIN EN 13501-1 - engl.pdf (Download)
- 1670G-010 C-s2_d0 Mineralischer_Untergrund Klassifizierung nach DIN EN 13501-1 - engl.pdf (Download)
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- 1670G-010 C-s2_d0 Mineralischer_Untergrund Klassifizierung nach DIN EN 13501-1 - engl.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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