



Vinylester Gelcoat

Code M55G5--

PRODUCT FEATURES

This gelcoat is formulated on a basis of vinylester resin and shows a high chemical resistance and good mechanical properties. Vinylester gelcoat is ideal for the manufacturing of items requiring a special chemical resistance, such as for example tanks or basins that contain acids and mid-concentrated bases.

VERSIONS

Brush and spray application, paraffin-like version for topcoat.

APPLICATION

Pre-accelerated product. It requires 1,5 to 2% catalyst to harden, with as thickness range between 0,6 and 0,8 mm (650 - 850 gr/m²).

Avoid the use at a temperature lower than 15°C and do not dilute with acetone.

PACKAGE

Tins 25 Kg (L)
Cans 250 kg (F)
Tanks 1000 kg (C)

PROPERTIES OF THE NON-CURED PRODUCT

PROPERTY	METHOD	UNIT OF MEASUREMENT	VALUE
Appearance	/	/	Thixotropic fluid
Brush viscosity at 25°C	UM 3	cps	12.000 – 16.000
Spray viscosity at 25°C	UM 3	cps	6.000 – 8.500
Film Gel time at 25°C ¹	UM 2	minutes	20 – 40
Mass Gel time at 25°C ²	UM 2	minutes	5 – 11
Specific weight	UM 7	g/ml	1,15 – 1,25
Stability	UM 7	months	max 3

PROPERTIES OF THE CURED PRODUCT

PROPERTY	METHOD	UNIT OF MEASUREMENT	VALUE
Surface hardness	ASTM D 2583	Barcol J934 - 1	≈ 38
Resistance to traction	ASTM D 638 – 61	MN/m ²	≈ 80
Elongation at break	ASTM D 638 – 61	%	≈ 4
Flexing resistance	ASTM D 790 – 71	MN/m ²	≈ 120
HDT	ASTM D 648 – 56	°C	≈ 100

Remarks

¹ Catalysis 2% MEKP 50% thickness 0,5 mm

² Catalysis 2% MEKP 50% mass 100 g



IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us of the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.