

## Technical characteristics

Physical properties	Test methods	
Appearance		Viscous liquid
Color		Black
Viscosity (+23°C)		0.45 Pa • s
Density	<b>EN 2811-1</b>	1.35 ± 0.10 kg/L
Solid content	<b>EN1768</b>	77%
Hardness according to Shore A	<b>ASTM D2240</b>	85 ± 3
Application thickness		0,8 -1,35 mm (2-3 coats)
Touch dry(+23°C with 50% R.H.)		3 ÷ 5 hours
Total dry		Till 24 hours
Application temperature		+5°C ÷ +35°C
Performance characteristics		
Capillary water absorption	<b>EN 1062-3</b>	w < 0.1 kg/m <sup>2</sup> ·h <sup>0.5</sup>
Adherence test	<b>EN 1542</b>	≥0.8 MPa
Permeability to CO <sub>2</sub>	<b>EN 1062-6</b>	Sd >50 m
Ultimate elongation	<b>NFT 46002</b>	(450±30)%
Water vapor permeability	<b>EN ISO 7783-2</b>	Class I : permeable
Tensile strength	<b>DIN 52455</b>	2 MPa
Hazardous substances	<b>EN 1504-2</b>	According note in ZA.1
Reaction to fire	<b>EN 13501-1 2007</b>	Euroclass B
Operating temperature		-20°C ÷ +170°C
Cold flexibility	<b>UNI 1109</b>	-20°C
Dry film thickness (1 kg/ m <sup>2</sup> .)		0,8 mm (± 1%)

### Surface preparation

Clean thoroughly and remove dust, loose material or non-adhering particles, grease, oil, formwork release agents, residue from other treatments and anything that may affect proper adhesion. The support must be dry. Allow complete drying after water blasting. Any holes, fissures or cavities should have been previously filled and levelled.

### Application

Carefully mixed in its container before use . Poor the **GIBPLASTIC®** onto the surface and lay it out by roller or brush, spatula until all surface is covered  
Apply to fully cured substrates, as moist and subsequent outgassing may result in blistering or delamination. Apply minimum two coats, for a total spread rate of no less than 1 kg/m<sup>2</sup>. Reinforce with geotextiles where the product is subject to mechanical strain. To achieve good protective results it is necessary to apply 2-3 coats ; the second coat should be applied at least 5-8 hours after the first coat has completely dried. On surfaces subject to micro-cracking **GIBPLASTIC®** coating can be reinforced by inserting the “non-woven” polyester fabric reinforcement between the layers of membrane. In this case the yield of **GIBPLASTIC®** increases to 0.5 kg/m<sup>2</sup>

**Packages :** 25 kg and 200 kg barrels

**Storage :** 12 months from production date, if stored in original, unopened packaging, at temperatures between +5°C and +35°C. Protect from direct sun exposure and frost

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