

TECHNICAL DATA SHEET

Review 002, 05/2016

Page 1 of 2

PRODUCT

EPOXY VETROKITT (M5107, M5108)

FEATURES

LEVANTE EPOXY VETROKITT is a complete kit for the reconstruction of the missing parts of plastic and fiberglass objects. The kit is composed by a bottle of epoxy resin, with its liquid hardener, fiberglass cloth, a small glass for mixing, a small brush to apply resin and protective gloves. No need of any other materials or tools to employ it. Epoxy matrix gives to fiberglass all the typical features of an epoxy material: mechanical resistance, resistance to moisture, etc.

This product is so simple to use that is suitable for both professional and DIY employment.

TECHNICAL FEATURES

	EPOXY RESIN	EPOXY HARDENER	
Specific weight	1100 $\pm$ 20 g/l	1030 $\pm$ 20 g/l	(MI 001)
Solid in weight	100 %	> 70 %	(MI 006)
Viscosity	3800 $\pm$ 100 cP	270 $\pm$ 20 cP	(MI 002; 25°C)
Colour	Transparent, colourless	Light yellow	

STORAGE

Keep the container well closed and stored in a cool (temperature below 25°C) and ventilated environment for a maximum period of 12 months from the date of production marked on the tin. Avoid direct sun exposure.

SAFETY RULES

During the application and the drying time, air out the place. We recommend to use the appropriate PPE while applying the product.

MECHANICAL FEATURES*

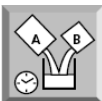
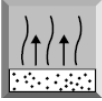
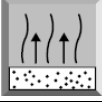
Hardness Shore D 20°C (4/8/24 hours)	63/75/79
Ultimate tensile strenght	97 MPa
Elastic tensile modulus	3500 MPa
Ultimate shear strenght	57 MPa
Shear elastic modulus	7400 MPa

**Data refer to resin as it is without fiberglass support.*

TECHNICAL DATA SHEET

Review 002, 05/2016

Page 2 of 2

	Mix ratio Volume / Mass	100 g : 50 g	
	Gel time	20 - 40 min	(MI 003)
	Surface Hardening	3 - 5 h	(MI 012; 25°C)
	Total Hardening	2 – 7 días	(MI 012; 25°C)

APPLICATION

- Before treating the surface, clean it and sand it possibly with 250 grit sandpaper;
- Mix the resin with its hardener following the indicated proportional suggestions;
- Apply a uniform coat using a paint roller or a brush depending on your specific needs. The product makes a thin protecting film;
- Lay out the fiberglass coat after applying the resin;
- Apply the resin on the glass coat avoiding, by using the included brush, the formation of air balls, impregnating correctly the fiber; depending on the thickness of fiberglass you wish to reach, apply in the same way as many layers as needed;
- Let it dry;
- Do not apply on moist surfaces.