



a d e s i v i

TECHNICAL DATA SHEET



Review 003, 05/2016

Page 1 of 2

PRODOTTO

EPOXY RESIN (M5107, M5108)

CARATTERISTICHE

LEVANTE EPOXY RESIN is a liquid product resulting from the reaction of epichlorohydrin and bisphenol A, modified with an aromatic mono-functional reactive diluent. It is ideal for both new constructs and for repair or restoration, due to its exceptional transparency. It adheres well to substrates such as wood and fiberglass. The mixing ratio with its hardener is 1:2

TECHNICAL DATA

	EPOXY RESIN	EPOXY HARDENER	
Specific weight	1100 ± 20 g/l	1030 ± 20 g/l	(MI 001)
Solid in weight	100 %	> 70 %	(MI 006)
Viscosity	3800 ± 100 cP	270 ± 20 cP	(MI 002; 25°C)
Gardner colour	Clear, colorless	Pale 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 application and drying time ventilate the room. We recommend the use the appropriate PPE during application.

MECHANICAL PROPERTIES

Shore hardness D 20°C (4/8/24 hours)	63/75/79
Flexural strength	97 MPa
Flexural modulus of elasticity	3500 MPa
Tensile strength	57 MPa
Tensile modulus of elasticity	7400 MPa

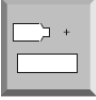

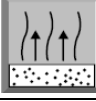

ILPA ADESIVI SRL

TECHNICAL DATA SHEET



Review 003, 05/2016

Page 2 of 2

	Mixing ratio	100 g : 50 g	
	Gel time	20 – 40 min	(MI 003; 25°C)
	Thin film curing time	3 – 5 h	(MI 012; 25°C)
	Total curing time	2 – 7 days	(MI 012; 25°C)

APPLICATION

- Prepare the surface to be treated by cleaning it up and possibly sanding it with 250-grit sandpaper to make it as uniform as possible.
- Draw the appropriate amount of resin from the pack and add the required amount of catalyst, according to the given ratio and mix.
- Apply a uniform layer with a roller or a brush as required and let it dry for as much as needed.
- The product forms a thin protective film that is completely transparent and does not alter the characteristics of the support surface on which it is applied.