



Structural epoxy system RESINA EPOSSIDICA PARTE A CATALIZZATORE UNICO

GELSON®AZIENDA CON SISTEMA QUALITÀ
CERTIFICATO DA DNV
UNI EN ISO 9001

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TECHNICAL DATA SHEET

Rev. 3 dated 05/11/2018

Low-viscosity, 2K epoxy system curing at room temperature (min. +10°C).

Due to its good mechanical characteristics, it is recommended to create stratified fibreglass layers, or as a binder for casting and filling systems added with mineral and/or metallic extenders.

Can be used for impregnation of carbon and/or Kevlar fibres and it is ideal for repairing products made from such materials.

It is also used for anti-osmosis treatments, for anti-corrosive coatings on metals and for gluing various types of materials (e.g. wood-wood, wood-fibreglass).

CHARACTERISTICS

- Low viscosity
- Excellent fibre wettability
- Good dimensional stability
- Hardness: 80/81 Shore D

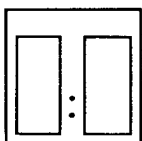
APPLICATIONS

- Creation of stratified layers
- Filling castings
- Gluing
- Repairs

PHYSICAL PROPERTIES

RESIN PART A	Appearance	yellowish liquid
	Viscosity	1000 - 1200 m Pas (at 25°C)
	Density	1.12 - 1.15 kg/dm ³
	Epoxy equivalent	195 - 210
CATALYST	Appearance	Clear liquid
	Viscosity	190 mPas (at 23°C)
	Density	1.03 kg/dm ³
	Solid content	100%

MIXING RATIO



Catalysis ratio:

Resin: 100 parts by weight
Catalyst: 50 parts by weight



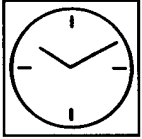
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REACTIVITY



- Pot-life (23°C to 40°C with reference to 100 ml) 25-30 min.
- Shake-out time 18-24 hours
- Complete hardening time 7 days

STORAGE



If stored in cool, dry place between 10° and 25° C, in the original sealed container, both the resin and the catalyst will remain unaltered for 1 year at least

Please find available codes and packaging for this product on our corporate website
<http://www.gelson.it/>

The effectiveness of our products is based on practical experience and research carried out in our laboratory. However, we decline any responsibility for work carried out, as it is evident that the result can be strongly influenced by a series of factors beyond our control.