

EPOXIGRAPH 560 PLUS

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VERSION: REV01

1. DESCRIPTION

It is manufactured from low viscosity epoxy resins to favour impregnation of glass and carbon fibers, providing high adhesion.

2. PROPERTIES

- High adhesive strength.
- High chemical and mechanical resistance.
- No shrinkage on hardening.
- High yield.
- No crystallisation at low temperatures.

3. APPLICATIONS

- Application can be manual or machine-applied.
- The mixture must be ensured to be homogeneous, before starting to apply the product.
- Temperature affects drying time, being designed for a working temperature between +30°C and +50°C. The higher the temperature, the shorter the pot life of the mixture.
- Any hardened product residues may only be removed by mechanic.

4. CHARACTERISTICS

	Epoxigraph 560 PLUS	Epoxigraph HARDENER	Mixture
Viscosity	1000 - 1200 cp	60 - 100 cp	950 - 1050 cp
Density	1.45 - 1.48 kg/l	1.00 - 1.04 kg/l	1.41 kg/l
Gel time	-	-	20 - 25 min
Drying 45°	-	-	40 - 50 min
Curing	-	-	24 hours
Mix ratio	100:15,4		

5. MECHANICAL TESTING

Flexural modulus	5064,8 MPa
Flexural strength	48,88 MPa
Maximun deflection	1 mm
Tensile modulus	4240 MPa
Tensile strength	29,7 MPa
Elongation at break	0,70 %

6. STORAGE AND PACKAGING

- The product should be stored in a **dry place** at a temperature not exceeding 25°C.
- The expiry date is **1 year** under these conditions.
- The existing containers are **1000 kg**.
- For other quantities: **contact us**.