

# EPOXIGRAPH 70

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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 70	Epoxigraph HARDENER	Mixture
Viscosity	350 - 420 cp	60 - 100 cp	950 - 1050 cp
Density	1.08 kg/l	1.00 - 1.04 kg/l	1.06 - 1.07 kg/l
Gel time	-	-	20 - 25 min
Drying 45°	-	-	40 - 50 min
Curing	-	-	24 hours
Mix ratio	100:25		

## 5. MECHANICAL TESTING

<b>Flexural modulus</b>	3519,01 MPa
<b>Flexural strength</b>	114,46 MPa
<b>Maximun deflection</b>	4.17 mm
<b>Tensile modulus</b>	2870 MPa
<b>Tensile strength</b>	60,5 MPa
<b>Elongation at break</b>	2,6 %

## 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**.