EPOXY GEL

Solvent free epoxy resin

DESCRIPTION

Epoxy gel is a two-component clear sealer based on a solvent free epoxy resin. Epoxy gel is specially designed for sealing porous surfaces. Epoxy gel is easily workable, has great sealing properties, quick curing, good mechanical properties and excellent chemical resistance

APPLICATIONS

Epoxy gel is suitable as a clear sealer for irregular vertical surface priming. Applications include tanks, walls, and other water infrastructure.

TECHNICAL DATA

Colour white, after curing clear.

- Mix ratio A : B = 100 : 50 (parts by weight)
- Density 1,1 kg/m³
- Application temperature 10 – 25°C, optimum temperature 20°C
- Relative humidity max. 65%
- Temperature subfloor min. 10°C
- Pot life ca. 30-40 min
- Dust-dry approx. 8 hour
- Foot trafic approx. 24 hour • Mechanical loads approx. 48 hour
- Exposure to chemicals and water approx. 7 days
- Consumption Depending on the subfloor: 300-1200g/m²

SURFACE REQUIREMENTS

The support must be dry, clean, free of dust and grease. Remove loss parts of the support and repair if necessary. In the event of doubt, always perform an adhesion test first and assess after it has cured

APPLICATION

Stir component A well and add component B. Mix for 3 minutes using a drill with a mixer propeller or mixer arm. Pour the mixture into a clean bucket and mix again. This prevents unmixed parts on the bottom or the sides of the bucket getting into the bulk. Apply the Epoxy gel with a window wiper or a floor squeegee on the surface. The pores of the surface will almost be closed with one layer of Epoxy gel. If it is requested that all pores must be closed a second layer can be applied, 24 hours after the first layer. For a smooth surface the Epoxy gel can be rolled with a short hair roller.

SAFETY

Always follow the safety instructions in the Material Safety Data Sheet. This product must be used only for the applications here described. This product is intended for industrial and professional use. It is not suitable for DIY-type applications.

ENVIRONMENTAL PRECAUTIONS

Empty containers must be handled with the same precautions as if they were full. Treat empty containers as hazardous waste, and transfer them to an authorized waste manager. If the containers still have some material left, do not mix with other product with no knowledge of potential dangerous reactions..

OTHER INFORMATION

The information contained in this DATA SHEET, as well as our advice, both written as verbal or provided through testing, are based on our experience, and they do not constitute any product guarantee for the installer, who must consider them as simple information.
We recommend to study deeply all information provided before proceeding to the use or application of any of our products, and strongly advise to conduct tests “on-site” in order to determine their convenience for a specific project.
Our recommendations do not exempt of the obligation of installers to deeply study the right application method for these systems before use, as well as to conduct as many preliminary tests as possible should any doubt arise. The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. In consequence, the installer will be the only responsible of any damage derived from the partial or total in-observation of our indications, and in general, of the inappropriate use or application of these materials.

This data sheet supersedes previous versions.

Unit 25 Weald Hall Farm Comercial Centre, Canes Lane, North Weald, Essex CM16 6FJ
(+44) 0203 940 4560
www.jofaresins.com