EPOXY RESIN

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Solvent free, two pack, epoxy resin based multifunctional adhesive material.

PRODUCT FEATURES

- Good adhesion
- No volume change after curing
- Resistant to bacteria and fungi
- Good insulation
- Resistant to sea water

RECOMMENDED FOR

It can be used as a Filament winding, laminating, varnishing epoxy, epoxy-based adhesive mortars; for putty applications with the addition of glass bubble; priming concrete surfaces prior to coating; on metal, wood, glass, concrete, glass fiber reinforced polyester, on denim bonding materials.

TECHNICAL SPECIFICATIONS

Drying time		
Touch dry	5	h
Full dry		h
Chemical resistance gain	7	day
Gel Time	40-45	min

** The specified drying time; [lt] is available in 23 C ambient temperature and 50 ± 2% relative humidity conditions.*

** Gel time, the amount of the mixture and varies depending on the ambient temperature.*

SURFACE

Surface must be free of oil, dust, rust, loose paint of similar substances that may prevent the adhesion. The surface must be dry and clean. After mixing the two components at given ratio wait for 5 minutes before application.Surface temperature should be at least 10°C. Application should not be done around dew point.

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APPLICATION

Application Temperature	:	5 °C - 30 °C
Covered area (m^2/L)	:	300-400 (Appliation layer thickness and surface properties may change the consumption amount.)
Covered area (m^2/kg)	:	

Mixing Ratio

Epoxy resin	:	2 part
Epoxy resin hardener	:	1 part

Adhesive Lamination: wetting the surface with the epoxy resin to the surface before the process penetration önemlidir.yapıştır HARDENER mixture of resin and will increase the adhesion-bonding performance. roll and spatula can be used for the wetting process.
Radius filling: with the addition of appropriate fillers prepared pastes radius (corner filling) can be applied with a spatula to fill in the appropriate geometry and pasting.
Varnish: on properly prepared surfaces to varnish varnishing can be made from observing the waiting period in case of thin layers and layers. In practice, using a spatula, roller brush, the vices and similar equipment must be cleaned before completing the drying resin or epoxy resin leap into the transmission. Otherwise, it may not be able re-use of the equipment.

Right after the application, the removal of air bubbles can be accelerated through heat treatment with a torch.

Application Equipment

Brush
Roller
Trowel
Spatula

STORAGE and PACKAGING

Packaging	3 kg Set (2 kg A + 1 kg B) - 15 kg Set (10 kg A + 5 kg B)
Storage Conditions	Store between 5-30°C in sealed packages away from direct sunlight. Keep the packaging closed when not in use. Protect from frost.
Shelf life	3 years

HEALTH AND SAFETY INFORMATION

Refer to the instructions specified in the harmfulness and precautionary statements on the product packaging.
Product of the safety data sheet should be treated by the rules.
Refer to the nearest health facility for unexpected health problems.

LEGAL NOTES

All the information and guidelines given in this technical bulletin was formed and developed through the experience in the laboratories of Polisan Kansai Paint, and was systematically collected by our field engineers. “Polisan Kansai Paint"has the right to make changes in the product where necessary, without notice. The information given above is valid for the product from the date of publication.It is the user's responsibility to verify the accuracy of the information. The product should be used based on the technical information form for the recommended purpose. It is the responsibility of the users to implement all measures for the fulfilment of the specified requirements.
The data in the technical information form is designed to give descriptions of the product performance, under specific test conditions. An important factor in product performance is the variables that may occur in the initial process which should be used as a general guide to the user. Any unauthorised use of this product not covered in the written guidelines, Polisan Kansai Paint will not be held legally responsible.
It is always the responsibility of the user to take all necessary precautions regarding specific requirements of the law set out in local and national legislation. Follow the rules of the safety information provided in the Safety Data Sheet regarding operating procedure of the product, protective equipment, storage, fire and first aid etc. Conditions regarding the use of this product after its end date has no warranty. We can not accept responsibility for products past their expiry date. Responsibility can not be accepted.

Please contact the Technical Service department for more detailed information about the product.