EURONAVY ENGINEERING EF38

Flexible epoxy resin

Technical Data Sheet

Description:

EURONAVY ENGINEERING EF38 is a solvent free epoxy resin. This resin has very good flexibility and can be applied up to 1 mm.

I can be applied on wet surfaces.

Can be applied on steel and concrete.

Use:

EURONAVY ENGINEERING EF38 is recommended for the repair of concrete and steel surfaces.

Technical Data:

Colour	Clear.
Finishing	Gloss.
Mixing Ratio	By weight: 4 (base):1 (curing agent) – By volume: 4 (base):1 (curing agent).
Curing Agent	KEF38
Specific Gravity (mixture)	1.00 ± 0,12 Kg/dm^3.
Solids by Volume	100% (theoretical).
Flash Point	Base:>100ºC; Curing agent:>100ºC.
Theoretical Covering Capacity	Not applicable.
Recommended Thickness	Not applicable.
VOC (Volatile Organic Compound)	Solvent free product.
Pot life	30 min. (23ºC).
Drying and Over coating	Surface dry: about 5 h (t 23ºC and 50% Hr). Recoating period: min. 16 h (to 23ºC); max. 7 days.
Ambient and Substrate Temperature	Ambient: min. 5.ºC ; max.50ºC. Substrate: min. 5.ºC ; max.50ºC.
Packing	1 Kg; 5 Kg.
Approvals	Euronavy Engineering.

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APPLICATION GUIDE:

SURFACE PREPARATION: **EURONAVY ENGINEERING EF38** is designed for application over steel or concrete surfaces free of oil, grease, or other foreign matter.

MIXING AND THINNING **EURONAVY ENGINEERING EF38** is a two-pack product. Both containers contain the proper ratio of ingredients. The entire contents of each container must be mixed together as supplied. Stir base to obtain smooth homogeneous condition no longer than 2 minutes. Add the curing agent slowly to the base under continuous stirring for 3 minutes. **Use the total content of each pack**. Use a speed adjustable power mixer. **Thinning is not recommended**. Higher temperatures will reduce the pot life of the mixture and lower temperatures will increase it.

APPLICATION **EURONAVY ENGINEERING EF38** can be applied with spatula.

EURONAVY ENGINEERING EF38 shall be stored in a cool well-ventilated place, protected from high temperatures. The containers must be kept tightly closed.
Shelf life: 24 months.
Thinner for cleaning purposes: T003.

SAFETY Cause eye and skin irritation. Reaction vapor may cause respiratory irritation in sensitive individuals. May cause allergic skin reaction. Avoid breathing vapors. Do not get in eyes on skin or clothing. Wear, eye and skin protective equipment. Use appropriate respirator, it is recommended to avoid potential respiratory irritation. Wash skin thoroughly after use and water. Call a physician. Launder clothing before reuse. If not breathing provide artificial respiration, preferably mouth-to-mouth, and call physician.

Exothermic reaction causes product to release heat, which however is normal. Be careful handling after mixing the product. Wear gloves.

In case of eye contact immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash the skin in contact area with soap.

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