

DESCRIPTION

Tiger EPK is a two component reactive water based clear epoxy resin coating and is a specially formulated low odor product.

It exhibits excellent adhesion to most common construction substrates and resistance to abrasion and chemicals.

Tiger EPK can be applied to the surface where the other oil borne epoxy paint can't be applied due to toxicity of the solvent.

PROPERTIES

- ❖ Two component reactive water based clear epoxy resin coating
- ❖ Excellent workability and easily applicable to various substrates
- ❖ Provides excellent bond to substrates
- ❖ Non-flammable product thanks to waterborne type
- ❖ Superior water resistance and aging resistance
- ❖ No harmful heavy metal and no solvent
- ❖ Low odor

SCOPE OF USES

- ❖ Coating for residential and commercial concrete and mortar floors
- ❖ For industrial use only

APPLICATION

- ❖ Clean to surfaces
 - Completely removing the debris of concrete floors with a brush or vacuum cleaner.
 - Oil or contaminants that cause peel off with a sand grinder or hydrochloric acid is removed.
 - If there are cracks, v-cut and fills using putty.
- ❖ Mixing
 - Prepare a mixing vessel.
 - Pour the resin and the hardener into a prepared vessel.
 - Mix with a electric stirrer for more than 2 minutes thoroughly.
- ❖ Application
 - Apply using a roller or wide brush thinly in twice or three time
 - It is good for application in a well-ventilated place.
- ❖ Surface hardening
 - Preferably in a ventilated place to dry as possible.

❖Clean

- Used tools should be cleaned using a thinner.
- After the curd, it must be mechanically removed.

PLEASE NOTE

- The mixing ratio between resin and hardener must be complied and appropriate mixing must be secured to get homogeneous mixture.
- Temperature for the area to be applied should be over than 10°C at least and if necessary, indirect heating should be given to applied area to increase the temperature
- In case of high humidity and rain, give attention intensively as coating can be defected by.
- Avoid ambulation until the coating is completely cured.
- Keep away from children
- Refer to the MSDS pertaining to this product before using
- Avoid contact with skin and or eyes
- The wearing safety glasses with side shields and impervious gloves is recommended

Other information

Apart from the information in this leaflet it is important to observe the relevant regulations of various organizations and trade associations.

The warranted characteristics are based on practical experience and applied testing. However, we have no influence over site conditions and therefore, if in doubt, the user should carry out sufficient tests to ensure the product is suitable.

In case of doubt obtain advice

STORAGE

The product is available for 12 months in unopened container.
It shall be kept in a cool place

TYPE OF PACK

15kg/set (Resin:10kg & Hardener:5kg)

Technical Data

Appearance	Liquid consisting of water-soluble epoxy resin
The mixing ratio	Resin : Hardener = 2:1(wt%)
Flowability after mixing	Viscosity and fluidity
Working temperature	+10°C from 35°C
Pot life	Within 60 minutes at 20°C
Dry time	6-12 hours for foot traffic 2-5 days for heavy traffic
Recoat time	4-20 hours
Standard usage	0.2 ~ 0.3 kg/m ²