



PRODUCT Nº. : 1.755

## **TECMA PAINT<sup>®</sup> R**

### **EPOXY RESIN FOR RAISINGS**

#### **DESCRIPTION :**

Two component epoxy resin, designed for raising concrete and cement surfaces. **TECMA PAINT<sup>®</sup> R** provides perfect adherence between old and fresh concrete, forming a continuous union between them.

Thanks to its fluidity, its application is easily made by brush or roller, simply spreading the resin all over the surface.

#### **FIELDS OF APPLICATION:**

**TECMA PAINT<sup>®</sup> R** is recommended as adherence resin between old and fresh concrete in raising great surface floors. It's also recommended for raising cement and mortar surfaces.

#### **SURFACE CONDITIONING :**

Surfaces should be dry and free from grease, oil, sand or any other pollutant.

Oil and grease stains have to be completely removed with solvents or degreasers. If necessary, pickax the support till reaching the healthy area, free from grease or oil.

Loose grout must be removed before applying the product.

In very smooth supports it's necessary to create certain roughness by mechanical means or with the help of our **DESCA-2F** rinsing afterwards with plenty of water until every product remaining has been removed.

Surfaces should have no disgregated or loose material. If it's so, remove before application.

#### **MIXTURE:**

The product is supplied ready to be mixed in the amounts in the containers: **4 kg Base resin, 1 kg Hardener**. For other amounts different from those in the containers, mix:

4 parts (weight) Base resin  
1 part (weight) Hardener



After preparing the mixture, apply immediately.

The life of the mixture depends on the temperature. As an indication, we can give:

2 hours - 30 minutes	at 10° C
1 hour	at 20° C
20 minutes	at 30° C
10 minutes	at 40° C

After the product has been applied, the hardening will take place in 4 hours at 10°C, 2 hours at 20 °C, 45 minutes at 30 °C and 15 minutes at 40 °C.

#### **METHOD OF USE :**

**TECMA PAINT<sup>®</sup> R** is supplied in two containers with the Base resin and the Hardener which have to be mixed just before the application, following the steps hereunder:

- 1.- Stir the contents of both containers separately, until the product is homogenous.
- 2.- Without stopping the stirring in the Base resin containers, pour the whole contents of the Hardener container. Keep stirring till it's completely homogenous.
- 3.- Apply the mixture on the whole surface, using brush or roller, so that there's a thickness of about 0,2 – 0,3 mm
- 4.- Without letting the product harden, apply afterwards fresh concrete, cement or mortar.

#### **SPECIAL RECOMMENDATIONS :**

- Do not apply when temperature is below 10 °C, since the curing is not complete.
- Do not apply with relative humidity above 80%.
- Below 5 °C, the curing does not take place.
- Always apply the product immediately after preparing the mixture.
- The cleaning of tools must be made with **TECMA SOL E**.

#### **STORAGE AND PACKAGING :**

The product must be kept in tightly closed containers.

The storage will be in a dry place, avoiding temperatures below 15 °C.

For long-lasting storage periods, under 15 °C and not moving, there can be crystallization processes in the resin. It would be enough to heat in a water bath while the containers are shaken. For long storage times, it's recommended to shake periodically the containers, in order to prevent crystallization.

The product is supplied in 5 kg sets (base + hardener)



**YIELD :**

The real yield depends on the state of the support. As an indication, the yield is about 3 m<sup>2</sup>/kg at 200 microns thickness

**PRECAUTIONS :**

- Apply with good ventilation.
- Wear gloves while handling and applying the product.
- Avoid contact with eyes or skin. If there's contact with skin, wash with plenty of soap and water the affected area. If there's contact with eyes, wash with plenty of water and seek medical advice if necessary.
- Do not apply with relative humidity above 80%.
- Below 5 °C, there's no product curing.
- Always apply the product immediately after preparing the mixture.
- Cleaning of tools must be made with **TECMASOL E**.

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