



PRODUCT No : 4.156

## **TECMA PAINT® ECOTRANS** **WATER-BORNE CLEAR EPOXY COATING**

### **DESCRIPTION:**

Epoxy coating suitable to be diluted in water which is designed for protecting mineral surfaces or for being used as a primer for TECMA PAINT ECOPOX.

### **USES:**

As coating for mineral and cement-based surfaces which may be finished afterwards with water-borne epoxy coatings or as anti-dust varnish on concrete floors in industrial buildings, warehouses, etc.

### **TECHNICAL DATA:**

|                      |   |  |
|----------------------|---|--|
| Nature               | : | Epoxy  |
| Appearance           | : | Gloss  |
| Components           | : | Two  |
| Mixture rate         | : | Two parts weight base with 1 part hardener                                     |
| Mixture life at 23°C | : | 2 hours  |
| Drying times         |   |  |
| at 23°C and 55% R.H. | : | Touch - 7 hours<br>Hard - 20 hours<br>Repainting - 16 hours min. 72 hours max. |
| Application          | : | Brush, roller, gun.  |
| Thinner              | : | Water  |
| Theoretical yield    | : | 7 m <sup>2</sup> /kg at 50 µm dry film thickness.                              |

### **SURFACE CONDITIONING**

Surfaces should be dry and free from grease, oil, dust, loose grout, etc. With cement or concrete surfaces, allow total curing and do not paint until at least 28 days from applying concrete or cement. Smooth and non-porous surfaces should be blasted both mechanically or chemically with our **DESCA 2F**, rinsing afterwards with plenty of water in order to remove any remain of the product.

### **METHOD OF USE:**

Stir the contents in the Base container. Add slowly while stirring the contents in the Hardener container. Keep stirring until getting a complete homogeneous mixture. Add 30-35% water and stir until getting a homogeneous mixture. Always add water over the mixture and not the other way round. Should it be necessary change the mixture into a bigger container and add water over the mixture.

Apply a coat covering the whole surface to be protected. The coat has a milky white appearance but it forms a clear film after drying. It's very important to spread the product in a uniform way and not to let excessive thickness which could make drying more difficult.



After at least 16 hours at 23 °C, apply the second coat or the finish paint.

Its use as binder when compacting boulder, aggregates and little stones for gardening, should be done by mixing the product with about 35-60% water in mixers or by spraying the product trying not to leave in excess in order to improve drying. After mixing in mixer, all the equipment should be immediately cleaned with water until removing any remain of the product.

#### **SPECIAL RECOMMENDATIONS:**

- On cement or concrete supports, wait until the curing is complete before applying **TECMA PAINT<sup>®</sup> ECOTRANS**.
- Never apply with temperatures below 15 °C
- Never apply with relative humidity above 80%, or when surface temperature is less than 3 °C above dew point.

#### **STORAGE:**

Keep in places which are protected from frost. The shelf life in closed containers will be 1 year.

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

In 7 kg sets (base + hardener) pre-dosed for its use. Keep in tightly closed containers at temperatures between 5 and 30 °C. In these conditions, the product may be stored for at least one year.

\*\*The information in this technical data sheet as well as the recommendations, both oral or written or coming from tests carried out in our laboratories or by third parties, are given in good faith based on our experience and on the tests results but they are not a guarantee. Our recommendations do not exempt from the responsibility of deeply knowing the uses of the products to be used before using it and of carrying out previous tests when having any doubt of the suitability of the product for any use. The application, use and handling of any of our products is out of our control and is under the responsibility of the person who is applying it. So, it will be responsible the person who uses the product without considering the above mentioned instructions. \*\*

ED.2008/1