

PRODUCT No: 1597

## TECMA IMPERAL P-2008

### ONE-COMPONENT POLYURETHANE BASED WATERPROOFING AGENT

#### DESCRIPTION:

Dampness-setting liquid waterproofing agent which forms a watertight membrane after curing. It's been designed for waterproofing any type of terraces. The product may be applied above 0 °C and with relative humidity up to 95%.

#### TECHNICAL CHARACTERISTICS:

Nature	: One-component polyurethane
Elasticity at 23°C	: 361 %
Elasticity after 100 days at 80 °C and 50 cycles fatigue movement at -10 °C	: 176 %
Elasticity at 0 °C	: 384 %
Elasticity after 2000 hours	
Quick weathering QUV	: 193 %
Permeability to water vapour	: 20 g/(m <sup>2</sup> d)
Adherence to concrete	: 20 kg/cm <sup>2</sup>
Adherence to polyurethane foam	: 14 kg/cm <sup>2</sup>
Working temperature	: From -50 °C to 90 °C
Recommended yield	: 2 kg/m <sup>2</sup> , in several coats.
Application	: Short haired, toothed trowel, Airless gun.
Drying times	: Touch – from 4 to 8 hours depending on the humidity and temperature. Repainting - 16 hours. Total curing – 7 days.
Colours	: Red and grey

#### ADVANTAGES

- It may be applied both on new terraces and on old ones for restoring.
- Much more transpiration than most of the similar products in the market.
- Higher punching resistance at low and high temperatures.
- Possibility to get a master curing in cold weather with temperatures between 0 °C and 10 °C by adding ACELERANTE AF.

#### SURFACE CONDITIONING:

Surfaces should be dry and free from grease, oil, sand, dust or any other pollutant. Smooth and non-porous surfaces should be mechanically blasted in order to get a good adherence. When restoring old waterproofing agents, wash the surface in order to remove any dirt remain. Allow the drying of the surface afterwards.

Before applying the product, always apply a primer such as IMPRIMACION E-2 EPOXIDICA or TECMA PAINT A-H, especially on surfaces with dampness, thus allowing a better adherence to the surface and its sealing which will prevent the appearance of blisters. On very porous surfaces, apply a second coat of primer until achieving total sealing.

## METHOD OF USE:

Stir the contents in the container with a low revolution mechanical mixing device until getting a homogeneous mixture. Let rest for a few minutes in order to remove the air. The product may be diluted, if necessary, with TECMASOL C up to 10% in order to help the plying of the product.

Then apply to coats of 1 kg/m<sup>2</sup> each, evenly spreading the product with the help of a 2 mm toothed trowel, a rubber harrow or a solvent resistant short-haired roller. Application with roller should be suitable for spreading the product but not for painting the surface. The product is not to be applied as paint but as a self-levelling product. After ten minutes, it's important to use a spiked roller in order to remove all the air that may be still inside. When applying 3 coats, each of them should be 0,660 kg/ m<sup>2</sup>.

Application on asphalt sheets or acrylic waterproofing materials should be done directly once the surface is duly cleaned and conditioned.

**Paved waterproofings:** Allow total curing of the product alter applying. Place a separating coat afterwards, our GEOTEXTIL, a fine and dry sand coat and then the mortar to settle the pavement.

## SPECIAL RECOMMENDATIONS:

- Do not dilute with any other solvent apart from the recommended one.
- Do not apply directly with condensation on the support.
- Do not apply on hot supports or with high temperatures.
- In very hot weather and with very low relative humidity, drying times will be longer.
- The product hardens with environmental humidity. Once the container is open, the whole product should be used in order to prevent its hardening.

## PACKAGING AND STORAGE:

The product is supplied in 10 kg metal containers. Tightly closed containers may be stored for 6 months in a dry environment and with temperatures below 30 °C.

\*\*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. \*\*

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