



PRODUCT No.: 1540

## **TECMA PAINT I-T** **CLEAR ELASTIC WATERPROOFING MATERIAL**

### **DESCRIPTION:**

Monocomponent clear elastic coating, designed for restoring and waterproofing old or new terraces, balconies, etc.

Thanks to its excellent elasticity, toughness and hardness characteristics, the waterproofings are resistant to stepping and to moderate people traffic.

### **CHARACTERISTICS:**

Number of components : One  
Solid contents : 70%  
Density : 1,02± 0,05  
Drying times, 23°C - 55% R.H. : Touch 3 hours; Repainted min. 6 hours max. 72 hours; Total curing 7 days

### **Behaviour at room temperature:**

Elongation (420 microns film), T.23°C : 520%  
Tensile strength (420 microns) T.23°C : 17,5 N/mm<sup>2</sup>

### **Enhanced ageing, 500 hours QUV:**

Elongation (420 microns film) : 440%  
Tensile strength (420 microns) : 13,1 N/mm<sup>2</sup>

### **Thermal ageing, 14 days at 70 °C:**

Elongation (420 microns film) : 513%  
Tensile strength (420 microns) : 17,2 N/mm<sup>2</sup>

### **Behaviour at -10°C:**

Elongation (420 microns film) : > 172 %  
Tensile strength (420 microns) : > 17 N/mm<sup>2</sup>

### **Adherence: "pull-off" method:**

Fibercement substrate : 25 Kg/cm<sup>2</sup>, Breaks due to failing in support cohesion  
Ceramic tile : 62 Kg/cm<sup>2</sup>, breaks due to failing in support cohesion  
Theoretical yield : 2 m<sup>2</sup>/kg. at 330 µm thickness

- These tests have been carried out in lab following international standards. The results show the excellent characteristics of the product but are not any official guarantee.



### **SURFACE CONDITIONING:**

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

In order to enhance adherence, it's recommended to mechanically roughen the surface, so that the pore opens and provides certain surface roughness.

### **METHOD OF USE:**

Apply a first coat, diluted with 3-4 parts of TECMASOL C, in order to let the product penetrate the surface. The product should be applied with brush, roller or airless gun. The following coats will be applied with the pure product, spreading uniformly. Thanks to its self-levelling characteristics, the applications show a smooth surface with no faults from brush or roller marks.

The recommended yield for a terrace with normal people traffic is 500 g per square meter. For harder traffic, the yield would be higher.

The number of coats depends on the application method. Usually, it's recommended two coats of pure product and a very diluted coat which acts as primer.

In general, we don't recommend product dilution except for the first coat.

When waterproofing terraces, it's necessary to consider, in floor and vertical walls unions, that the product must be applied about 25 cm up the wall, in order to waterproof correctly and guarantee its lasting.

Before using the terrace, let 7 days from the application of the last coat, thus guaranteeing total curing of the product and full characteristics.

The product accepts adverse weather conditions for application. It can be applied even with temperatures above 0 °C and relative humidity up to 95%, always considering that there are no condensations on the surface.

### **SPECIAL RECOMMENDATIONS:**

- Do not apply on wet or damp surfaces.
- Do not apply if surface temperature is below 3 °C above dew point.
- After opening a container, use the whole contents, and should it not be possible, close tightly and use before 5 days in order to avoid product hardening.
- Clean the tools with TECMASOL C

ED.1998/1