



PRODUCT No.: 1757

## **TECMA PAINT AUTONIVELANTE** **SELFLEVELLING EPOXY RESIN**

### **DESCRIPTION:**

Three component epoxy coating designed for protecting concrete floors submitted to constant mechanical and chemical aggressions. Due to its self-levelling characteristics, the finish allows smooth and mechanically and chemically resistant floors. Its special formulation allows 2-3 mm thickness coatings with an only application.

### **FIELD OF APPLICATION:**

**TECMA PAINT AUTONIVELANTE** is recommended for coating floors as long lasting protection in industrial premises, warehouses, parking-lots and all those floors needing good chemical and mechanical protection.

### **CHARACTERISTICS:**

Nature	:	Epoxy
Number of components	:	Three, resin, hardener and aggregate
Resin mixture rate	:	7 parts (weight) base with 3 parts (weight) hardener.
Resin/aggregate rate	:	1/2
Mixture life	:	30 min. A 30°C; 60 min. a 20°C; 100 min. a 10°C
Density	:	1,7 gr/cc
Flexotensile strength	:	275 kp/cm <sup>2</sup>
Elasticity modulus	:	62000 kp/cm <sup>2</sup>
Compressive strength	:	750 kp/cm <sup>2</sup>
Linear expansion rate	:	56.10 <sup>-6</sup> /°C
Yield per mm thickness	:	1,7 kg/m <sup>2</sup>
Recommended thickness	:	2-3 mm
Time before stepping	:	7 hours at 30°C; 14 hours at 20°C; 24 hours at 10°C.

### **SURFACE CONDITIONING:**

Surfaces must be firm and dry and free from grease, oil, sand, dust or any other pollutant.

Smooth and non-porous surfaces must be mechanically roughened or washed with our DESCA-2F, rinsing afterwards with plenty of water.



Before applying the coating, apply a coat of our sealing primer **TECMA PRIMER AT** with a yield of 200-400 g/m<sup>2</sup>, depending on the porosity of the support. Wait for 30-45 minutes, with temperatures of 20 °C, before applying **TECMA PAINT AUTONIVELANTE**. In very porous substrates, respect a period of 4-8 hours, depending on the temperature, in order to allow primer hardening and get pores sealing. With that, we can get perfect adherence to the support.

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

Mix the base with the hardener in the recommended proportions. Stir thoroughly until getting a homogenous mixture.

Add the corresponding aggregate to get a resin/aggregate rate of 1 part resin with 2 parts aggregate, stir until getting a homogenous mixture and apply on the primed area with a toothed trowel or fillet.

The yield for 2 mm thickness must be 3,4 kg/m<sup>2</sup>, for 3 mm, 5,1 kg/m<sup>2</sup>.

After applying the coating, pass the spiked roller several times in order to get a better quality finish and remove the occluded air.

#### **SPECIAL RECOMMENDATIONS:**

Do not apply with temperatures below 10 °C or relative humidity above 85%

Do not apply on damp supports.

Do not prepare more amount of mixture than what's possible to use during its life time.

The support must be firm and with good resistance, with no disgregations.

Apply **TECMA PRIMER AT** always as previous primer.