



PRODUCT No.: 1.536

## TECMA IMPERAL P-91 POLYURETHANE ELASTIC WATERPROOFING MATERIAL

### DESCRIPTION:

Monocomponent polyurethane waterproofing material, which reacts with air moisture forming a lasting and highly elastic coating **with an aluminium colour**.

**TECMA IMPERAL P-91** provides heat and light reflecting properties thanks to the laminar effect of aluminium particles.

The product is designed for restoring asphalt and bituminous sheets as well as for other acrylic water borne waterproofing materials.

### PROPERTIES:

- Highly elastic revolutionary waterproofing material.
- Can be applied straight on other asphalt or bituminous waterproofing systems.
- Can be applied on polyurethane foam without any previous treatment.
- Can be applied on waterproofing materials.
- Highly weather resistant
- Can be applied at low temperatures, curing also at 0 °C.
- Can be applied on other coatings as heat and light reflecting coat.

### TECHNICAL DATA:

Density	:	1,1 ± 0,05 cm <sup>3</sup>
Viscosity	:	80 ± 5 Ku
Solid contents	:	80% (weight) / 75% (volume)
Drying time	:	
- Dust dry	:	6 hours
- No tack	:	12 hours
- Total curing	:	3-7 days depending on the weather conditions
- Repainted	:	12 to 48 hours depending on weather conditions
Hardening speed at 20 °C and 50% relative humidity	:	The spread liquid forms a skin after 6 hours of application.

### SURFACE CONDITIONING

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

Surfaces with fungi or moss must be cleaned with a fungicide, rinsing with water 12 hours later.

When repairing asphalt or bituminous sheets, we recommend removing the overlapping edges in order to avoid sharp edges. Imperfections and breaks in sheets should be previously corrected.

In polyurethane foams, waterproofing materials, asphalt coatings, no special conditioning is required. It would be enough to clean the surface before applying the waterproofing material. In cracks or expansion joints, it's possible to apply first **SATECMA ELASTIC PM33** or **SATECMA ELASTIC H2O** and apply the waterproofing material after the mastic is dry.

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### METHOD OF USE:

**TECMA IMPERAL P-91** can be applied by brush, roller or airless spray gun. Application should be uniform, thoroughly covering the whole surface. In wall and floor joints, the product should go up the wall about 25 cm.

### - Recommended thickness:

- As reflecting coat : 0,3 kg./m<sup>2</sup>.
- As waterproofing coating : 1 - 1,5 kg./m<sup>2</sup>.
- For cleaning tools, it's recommended the use of our solvent **TECMA SOL C**.

### SPECIAL RECOMMENDATIONS:

**TECMA IMPERAL P-91** can be applied when temperature is low, even at 0 °C, and relative humidity is between 30 and 98%, always ensuring there is no condensation on the surface.

- Do not apply on wet or damp surfaces.
- Do not cover with mortar, cement or concrete. The waterproofing material should be always uncovered. Do not apply on surfaces which are going to be paved.

### STORAGE:

Keep the containers tightly closed and protected from temperatures above 50° C.

### PACKAGING:

In 10 and 25 kg metal drums.

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