

# T1 – PU Elasto 300

## DESCRIPTION

**T1 – PU Elasto 300** is an emulsified PU modified bitumen coating, which dries to form a tough, seamless, flexible vapor proof protective coating.

## SUITABLE FOR

- RC roof
- Floor slabs
- Terraces
- Balconies
- Bathroom & wet areas
- Planter box
- RC gutters
- Suspended floors
- Swimming pools
- Water tanks

## ADVANTAGES

- Single component, easy to apply
- High elastic and good adhesion
- Can be applied on damp or wet substrates
- Non-toxic, non-flammable
- Environmentally friendly
- Good resistance against dilute acids & alkalis, chloride and sulphate ions
- Good adhesion to most building substrates
- Seamless/joint free

## PACKING

18kg/pail

## COVERAGE

Approximately 1.5kg/m<sup>2</sup> for 1mm thickness

Notes: Must be applied in minimum 2 coats

## APPLICATION PROCEDURE

### Surface Preparation

New concrete should be cured for at least 28 days. The area to be coated has to be clean, dry and free from oil, grease and dust. All contamination that could interfere with the adhesion of the coating has to be removed. Leaks and water infiltrations must be eliminated. Remove free-standing water, repair excessive cracks and resurface exposed aggregate and small voids with a suitable high-strength, fast curing, non-shrinking product.

### Mixing

Prior to application, stir **T1 – PU Elasto 300** thoroughly for 1 minute in order to achieve a homogeneous mixture. Over mixing must be avoided to minimise air entrainment

### Application

Apply T1 latex primer for basecoat to enhance the adhesion strength. Apply 2 neat topcoats of **T1 – PU Elasto 300**.

## PRECAUTION

**T1 – PU Elasto 300** is non-toxic. For personal precautions, applicators are recommended to wear gloves, mask and goggles when handling it. In case of a contact, the affected area should be washed with plenty of water and soap; in case of swallowing, a physician should be consulted immediately. No food or beverages should be brought to the application area. The product should be stored and kept out of reach of children.

## CLEANING

Clean all tools and application equipment with water immediately after use. Hardened/cured material can only be removed mechanically.

## TECHNICAL SPECIFICATION

Form	Liquid
Specification Gravity (g/cm <sup>3</sup> ) (ISO 2811)	1.23 ± 0.05
Solid Content, %	58 – 62
Elongation (%) (ASTM 412)	≥ 800
Tensile Strength (kgf/cm <sup>2</sup> ) (ASTM 412)	≥ 15
Tear Resistant (kgf/cm) (ASTM D624)	≥ 6
Hardness (Shore A) (ASTM D2240)	35 – 25
Watervapor Transmission of Material (ASTM E96)	0.49

## SHELF LIFE

12 months from the date of manufacture if stored properly in original, unopened and undamaged sealed packaging in dry conditions.