



**ELASTOTET S.A.**

**SEALING & ADHESIVE MATERIALS**

**Silicone, Acrylic & Polyurethane Sealants**

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# LASTOFLEX-PU

Surface waterproofing based on elastomeric PU resins and special additives.

## PHYSICAL PROPERTIES

- Elastic performance and working deformability.
- Temperature variations resistance : -40 to 80 °C.
- Adhering ability.
- Resistance to UV radiation and moisture exposure (**QUV-se ACCELERATED WEATHERING CYCLIC CORROSION TESTER**)  
2000 h accelerated weathering, consisting of the following cycles:
  - a. 4h UV exposure, at 60°C
  - b. 4h moisture exposure, at 50°C.**Result:** LASTOFLEX-PU retains its mechanical properties and elastic performance.
- High resistance to water.
- Resistance to mechanical strain and friction.

## TECHNICAL PROPERTIES

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|--|---------------------------|
| • Surface membrane formation time (23 °C, 50% R.H.): | 30 - 90 min               |
| • Elongation at break point (DIN 53504) :            | 700%                      |
| • Tensile strength (DIN 53504) :                     | 6,50 N/mm <sup>2</sup>    |
| • Hardness SHORE A :                                 | 60                        |
| • Water Vapour permeability :                        | 24 gr/m <sup>2</sup> /day |

## APPLICATION FIELDS

It is generally used for surface waterproofing. Due to the high hydrophobic performance of the cured membrane, LASTOFLEX-PU is suitable for waterproofing surfaces with stagnant water, roofs, basements, tanks etc.

## **APPLICATION INSTRUCTIONS**

### **Weathering conditions:**

Rainy weather should be avoided.

### **Preparation :**

1. The application surface must be clean from loose particles, dust, etc.
2. Priming with **Primer VL** is recommended in order to improve the mechanical properties of the surface of the concrete. Wet substrates should generally be avoided. Otherwise the use of **Primer EP-W** is recommended.
3. Joints and cracks are sealed with ELASTOSEAL-PU joint sealant.

### **Application :**

LASTOFLEX-PU is applied by roll, brush or air-gun in 2-3 layers. Time interval between two layers is at least 2 h and not more than 48 h. However, this largely depends on environmental conditions.

### **Consumption :**

A consumption of 1-1,5 Lt/m<sup>2</sup> is recommended. In any case the consumption depends on the roughness of the surface.

### **Curing time:**

12 to 24 h, depending on environmental conditions.

### **Packaging :**

Lids of 1 kg, 6 kg, 25 kg.

### **Warning to users**

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