



# MAXELASTIC<sup>®</sup>

## PAV

### SINGLE COMPONENT, ELASTIC WATERPROOF COATING FOR ROOFS AND TERRACES WITH LIGHT TRAFFIC

#### DESCRIPTION

**MAXELASTIC<sup>®</sup> PAV** is a waterproof coating specially formulated for waterproofing all types of roofs, that are going to be subjected to light traffic. It is supplied as a thixotropic paste, with light aggregates and fibres, which once polymerised is transformed into a non-degradable elastomer, providing complete waterproofing.

#### APPLICATION FIELDS

- Waterproofing in a single product of all types of roofs and terraces subject to pedestrian or light vehicular traffic.

#### ADVANTAGES

- Very easy application, as if it were plastic paint. Does not require specialised labour, which means savings on cost and improvement on other traditional systems.
- It is light, unaltered by atmospheric agents and very resistant to UV radiation.
- It is a single component product. No mixing or dilution required.
- Does not require additional protection against pedestrian traffic.
- Great elasticity and perfect adhesion to every type of substrate. It forms a continuous coating that does not require joints, fills small cracks and penetrates into every pore.
- It adapts to the substrate movements by settling or thermal cycles.
- Performs perfectly between  $-15\text{ }^{\circ}\text{C}$  and  $+100\text{ }^{\circ}\text{C}$ .
- Supplied in multiple colours, it can be left as decorative coating.

#### APPLICATION INSTRUCTIONS

##### Surface preparation

The surface to be coated must be sound and clean, free from dirt, remains of paints, gypsum, efflorescence, greases, oils, as well as de-moulding agents, curing agents or any product that may affect the adhesion. Remove any loose particles or unsound elements. All surface damages such as defects, cavities, honeycombs, peelings should be filled with a repair mortar. Remove all concrete around structural reinforcement affected by corrosion. Clean reinforcements of rust and scale and then, coat with **MAXREST<sup>®</sup> PASSIVE** oxide converter and anti-corrosive protection (Technical Bulletin n°.: 12). To repair the area, use a structural mortar such as **MAXREST<sup>®</sup>** (Technical Bulletin n° 04).

##### Application

Stir the content of the packaging with a clean tool in order to get a homogeneous past in appearance and colour. It is advisable, particularly on porous substrates, to apply a primer coat by diluting **MAXELASTIC<sup>®</sup>** (Technical bulletin n°.: 18) with about 20 to 30 % of water. **MAXELASTIC<sup>®</sup> PAV** can be applied with trowel or squeegee, spreading the material in a single layer up to a thickness of 1 to 2 mm. The finish is given by smoothing the surface with a trowel. If greater thickness were necessary, another coat would be applied before the first one completely dries. Time between layers varies between 5 to 18 hours, depending on the ambient conditions.

##### Expansion joints

Once the joint is opened up and clean, apply a thick layer with  $2\text{ kg/m}^2$  of **MAXELASTIC<sup>®</sup> PAV** and then spread a strip of 6 – 8 cm wide glass fibre mesh (of at least  $50\text{ g/m}^2$ ) into the fresh coating ensuring that the keep fibre is completely embedded. Once it dries, apply a second layer with  $2\text{ kg/m}^2$  of **MAXELASTIC<sup>®</sup> PAV**. Both the elasticity of the product and

the mesh will allow the joint to move without cracking the waterproof coating.

### **Large cracks**

Open up and clean the crack. Use **MAXELASTIC® STONE** as filler or mix one part of **MAXELASTIC® PAV** with another part of silica sand and fill the crack. Also, application of a sealant such as **MAXFLEX® 100 LM** (Technical Bulletin n° 04) is recommended. Finally, once it is completely cured (4 days at 20 °C), cover the area following the same procedure as used for expansion joints.

### **Cleaning**

Tools are cleaned with water immediately after use. Once it dries, product can only be removed by mechanical methods.

### **Application conditions**

Do not apply below 5 °C or when the relative humidity is above 90%. Do not apply if rain or temperature below 5 °C is expected within the first 24 hours. Not apply on frozen or frosted surfaces.

### **COVERAGE**

Estimated consumption of **MAXELASTIC® PAV** is 2 kg/m<sup>2</sup> per mm thickness. A thickness applied between 1 to 2 mm is recommended. This approximate consumption may vary depending on porosity and substrate

conditions. A preliminary test on-site will determine consumption exactly.

### **PACKAGING AND COLOURS**

**MAXELASIC® PAV** is supplied in metal drums of 25 kg and it is available in grey, tile, white, red, green and black colour.

### **STORAGE**

Twelve months in its original unopened packaging. It must be stored in a dry and covered place, protected from frost and exposure to direct sunlight, with temperatures above 5 °C.

### **SAFETY AND HEALTH**

**MAXELASTIC® PAV** is non-toxic, but skin and eye contact must be avoided. Safety goggles and protective gloves should be used during application. In case of skin contact, wash affected areas with soap and water. In case of eye contact rinse thoroughly with clean water but do not rub. If irritation continues, seek medical attention.

Safety Data Sheet of **MAXELASTIC® PAV** is available by request.

Disposal of the product and its empty packaging must be made by the final user and according to official regulations.

## TECHNICAL DATA

<b>Appearance</b>	Homogeneous paste	
<b>Density (kg/ l)</b>	1,26 ± 0,05	
<b>Viscosity (cps)</b> (Brookfield nº 6 - 10 r.p.m.)	55.000	
<b>Taber Abrasion Resistance, ASTM D 4060</b> <b>Wheel CS10, load 1 kg</b>	Loss weight	Wear index
	- 500 cycles	0,2
- 1000 cycles	0,4	0,4

## GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO®**, **S.A.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.



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