



# MAXELASTIC® STONE

## ABRASION PROTECTIVE COATING FOR SURFACES WATERPROOFED WITH MAXELASTIC®

### DESCRIPTION

**MAXELASTIC® STONE** is a mixture of water-based acrylic resins and fine graded aggregates. It is a synthetic mortar ready to be used as wear protection over surfaces waterproofed with **MAXELASTIC®** (Technical Bulletin n° 18) This application will protect against damage caused by pedestrian and vehicle traffic. Spread by trowel, to provide a continuous and decorative coating.

### APPLICATION

- Protection of **MAXELASTIC®** against damage caused by both pedestrian and vehicle traffic.
- As a decorative, and anti-slip finish on slopes and concrete pavements.

### ADVANTAGES

- Non-slip. Resistant to wearing.
- UV and weather resistant. Excellent colour retention, with no yellowing.
- Fully compatible if installed over **MAXELASTIC®** coatings, with no needs for special primers, etc.
- Single-component product, ready to be used.
- Decorative. Available in different colours.
- Non-toxic, non-flammable and solventfree. Environmentally friendly.

### APPLICATION INSTRUCTIONS

#### Surface preparation

The surface to be protected with **MAXELASTIC® STONE** must be clean and dry, free of dust, dirt, grease, oils or any product, which could affect adhesion.

#### Application

**MAXELASTIC® STONE** is supplied ready for use. Before application, stir the content of the drum using a clean tool in order to get a homogeneous mortar and colour uniformity.

Once poured, it should be spread as a single layer at an average thickness of 2 to 3 mm per layer

using trowel, squeegee or levelling guides. In order to ensure good and efficient protection, avoid layers of less than 2 mm Small defects in the finish, can be masked with another application of **MAXELASTIC® STONE** diluted with water, like a slurry, using a foam roller or by brush.

- *Waterproofed surfaces such as **MAXELASTIC®**, **MAXELASTIC® STONE** can be applied directly over a dry coating of **MAXELASTIC®**.*
- Spread by trowel to the desired thickness (follow the procedure for waterproof acrylic coating in Technical Bulletin n° 18). Define small working areas that can be finished in just one go, thus avoiding irregular joints.
- *Concrete, levelling mortar or slope forming mortar.* A first layer of **MAXELASTIC®** diluted with water (approx 70/30) should be applied as a primer. The amount of mixing water for this mixture depends on porosity and roughness of surface. Once the primer is dry, apply **MAXELASTIC® STONE** as per procedure above.

#### Application conditions

Do not apply **MAXELASTIC® STONE** below 5°C or when temperatures are expected to drop below 5°C within 24 hours after application. Do not apply to frozen or frosted surfaces.

Do not apply with relative humidity above 90%. Do not apply if rain is expected to fall within the first 24 hours after application.

### **Cleaning**

Before **MAXELASTIC® STONE** cures, all tools and equipment must be cleaned immediately after the application. Once it cures, can only be removed by mechanical means.

### **CONSUMPTION**

For usual applications, the recommended coverage for **MAXELASTIC® STONE** is from 3,4 to 5,1 kg/m<sup>2</sup>, which corresponds with an average thickness from 2 to 3 mm respectively, depending on the traffic (approximately 1,7 kg/m<sup>2</sup> per mm thickness).

### **IMPORTANT INDICATIONS**

- Respect every single expansion joint existing in the surface to allow free movements without creating unnecessary stresses
- For further information, consult our Technical Department.

### **PACKAGING**

**MAXELASTIC® STONE** is supplied in 25 and 5 kg drums. It is available in white, grey, green, red , tile and black colour. Other special colours are manufactured by request.

### **STORAGE**

Twelve months in its original unopened packaging. It must be stored in a dry and covered place, protected from frost and direct exposure to sunlight, DO NOT store below 5°C.

### **SAFETY AND HEALTH**

**MAXELASTIC® STONE** 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 for **MAXELASTIC®** is available by request.

Disposal of the product and empty containers must be carried out according to official local regulations.

## TECHNICAL DATA

Characteristics of the product	
Appearance	Single component homogeneous paste
Density (kg/m <sup>3</sup> )	1,6
Characteristics for application	
Application conditions, T (°C)/R.H. (%)	> 5 / < 90
Drying time at 20 °C, (h)	4 – 6
Curing time at 20 °C, (d)	3
Characteristic for cured product	
Abrasion resistance. Taber abrasion Test. ASTM D-4060 Weight loss (g) CS-10 Wheel, 1 kg load and 500 / 100 cycles	0,3 / 0,6
Consumption/Thickness	
Approximate consumption per total application (kg/m <sup>2</sup> ) / (kg/m <sup>2</sup> per mm thickness)	3,4-5,1 / 1,7
Thickness total application (mm)	2,0 - 3,0

## GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO<sup>®</sup>, 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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