



MAXELASTIC[®] STONE

WEARING 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 a protective coating over waterproofing jobs made with **MAXELASTIC** (Technical Bulletin n° 18) in order to avoid damages caused by pedestrian traffic. Spread by trowel, it provides a continuous and decorative coating .

APPLICATION FIELDS

- Protection of **MAXELASTIC** against damages caused by both pedestrian and vehicle traffic.
- As a decorative, and anti-slip finish on slops 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 of 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, greases, oils or any product, which could affect the adhesion.

Application

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

Once poured, it should be spread as a single layer to the desired thickness by trowel, squeegee, or levelling guides. In order to ensure a good and efficient protection, an average thickness per layer from 2 to 3 mm. avoiding layers thinner than 2 mm, should be applied. Finally, if small defects are present in the finish, they can be masked with another application by brush of **MAXELASTIC STONE** diluted with water, as if it were slurry, or using a foam roller

- *Waterproofed surfaces with MAXELASTIC.* **MAXELASTIC STONE** can be applied directly over a dry coating of **MAXELASTIC** and then, spread by trowel to the desired thickness (follow the procedure for the waterproof acrylic coating in Technical Bulletin n° 18). Define small working areas that should 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, **MAXELASTIC STONE** is applied according to above-mentioned procedure.

Application conditions

Do not apply **MAXELASTIC STONE** below 5°C or when such temperatures are expected to drop below 5°C within 24 hours after application. Do not on 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 removed by mechanical means.

CONSUMPTION

For usual applications, the recommended coverage for **MAXELASTIC STONE** is from 3,4 to 5,1 kg/m², which corresponds with an average thickness from 2 to 3 mm respectively, depending on the traffic (approximately 1,7 kg/m² 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 of sunlight, with temperatures higher than 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.

The final user must do disposal of the product and its empty containers according to official regulations.

TECHNICAL DATA

Characteristics of the product	
Appearance	Single component homogeneous paste
Density (kg/m ³)	1.600
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 t application (kg/m ²) / (kg/m ² 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 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.



DRIZORO, S.A.

C/ Primavera 50-52 Parque Industrial Las Monjas
28850 TORREJON DE ARDOZ – MADRID (SPAIN)
Tel. 91 676 66 76 - 91 677 61 75 Fax. 91 675 78 13
e-mail: info@drizoro.com Web site: drizoro.com

Company certified: ISO 9.001 & ISO 14.001

