



# **MAXPRIMER<sup>®</sup>**

## **FLOOR**

### **BONDING AGENT AND SEALING PRIMER FOR CONCRETE FLOORS**

#### **DESCRIPTION**

**MAXPRIMER<sup>®</sup> FLOOR** is a one-component liquid composed of water-based acrylic resins, to be applied by brush, roller or air-less spray equipment. It is specially designed to be used as a bonding agent to improve adhesion of cement-based mortars on concrete floors, as well as a sealing primer to reduce substrate porosity and appearance of air bubbles on surface.

#### **APPLICATION FIELDS**

- Adhesive priming for both indoor or outdoor concrete substrates before applying epoxy-cement or cement self-levelling mortar such as **MAXLEVEL<sup>®</sup>** or **MAXFLOW<sup>®</sup>** range.
- Sealing surface of absorbent substrates and/or with high porosity.
- Bonding agent for patching mortars (**MAXROAD<sup>®</sup>**, Technical Bulletin No. 27), screeds (**MAXRITE<sup>®</sup>-S** and **MAXMORTER<sup>®</sup> FLOOR**, Technical Bulletins Nos. 57 and 122, respectively), levelling of floors, placing of new compressive slabs and other floor mortars, etc.

#### **ADVANTAGES**

- Its fast drying reduces waiting time between applications.
- Improves the aesthetic appearance of the self-levelling mortars, preventing the presence of air bubbles on the mortar surface.
- Provides a better curing of mortars, avoiding a fast drying process due to water absorption from substrate.
- Increases adhesion of cement mortars on both absorbent and smooth surfaces with low porosity.
- Provides a more cohesive substrate and avoid the formation of dust.
- One component product, easy to apply.
- Suitable for both dry and damp surfaces.

- Alkali-resistant product.
- Very good resistance to tensile strength and impacts.
- Easy to use: one-component product, can applied manually by roller, brush, or mechanically by air-less spray equipments.
- Environmentally friendly: non-toxic, water-based, non-flammable and odourless product.

#### **APPLICATION INSTRUCTIONS**

##### **Surface preparation**

Surface must be structurally sound, firm, without cement laitance and as uniform as possible, and preferably with a slight roughness, i.e. open textured surface. Minimum bond strength of substrate must be above 1 N/mm<sup>2</sup>. It must be clean and free of paints, coatings, efflorescence, loose particles, grease, oils, curing agents, form release agents, dust, gypsum plasters, organic growth or any other contaminants that may affect to adhesion.

For cleaning and preparing the substrate, preferably in case of the smooth and/or poorly absorbent substrates, use sand blasting or high pressure water cleaning methods, not being desirable aggressive mechanical or chemical means.

Before primer application, all voids, holes, honeycombs, cavities and static cracks without movement or any others defects deeper than 8 mm, once opened and routed must be repaired with the patching mortar **MAXROAD<sup>®</sup>** (Technical Bulletin No. 27) to provide an even surface.

##### **Application**

Dilute **MAXPRIMER<sup>®</sup> FLOOR** (Technical Bulletin No. 230) with clean water using a water:product mixing ratio of 3:1. Mix the solution manually with a clean tool until a homogeneous appearance is achieved. Do not use high-speed mixers which may introduce air bubbles or produces foams.

Apply on surface a thin layer of **MAXPRIMER® FLOOR** diluted by roller, brush or spraying means with a recommended coverage from 0,15 to 0,20 kg/m<sup>2</sup> per coat, avoiding any excess build or pudding. On very porous surfaces, two or three successive coats may be required, with a drying time of about 10-15 minutes at 20°C between coats. The green colour of the product lets to check the applied areas.

Allow **MAXPRIMER® FLOOR** dry to touch perfectly before applying any cement mortar, 4 hours at 20°C. With low temperature, high humidity or poor ventilation, the drying time can be increased up to 24 hours after application. Do not allow more than 24 hours before applying the cement-based mortar.

### Application conditions

Do not apply if rain, water contact, condensation, dampness or dew is expected within 4 h after application.

Do not apply with substrate and/or ambient temperature is at or below 10°C, or when temperatures are expected to fall below 10°C within 4 h after application. Do not apply to frozen or frost-covered surfaces.

For applications at hot temperatures, low relative humidity and/or windy conditions, i.e. summer time, surface must be wet thoroughly with plenty of water prior to application.

Do not apply with substrate and/or ambient temperatures higher than 40°C.

### Cleaning

All mixing and application tools, and equipment must be cleaned immediately with water after use. Once product hardens, this can only be removed by mechanical means.

### CONSUMPTION

Estimated consumption for **MAXPRIMER® FLOOR** varies from 0,15 to 0,20 kg/m<sup>2</sup> per coat. On porous substrates, two or three coats with the same consumption can be applied.

These figures are for guidance only and may vary depending on porosity, texture, substrate conditions and application method. Perform a preliminary test on-site to ascertain the total consumption exactly.

### IMPORTANT INDICATIONS

- Do not apply on surfaces subject to negative hydrostatic pressure, rising dampness or permanent water contact.
- Observe the recommended mixing ratios.
- Observe the consumptions per coat.
- Not suitable for epoxy or polyurethane flooring systems.
- Allow **MAXPRIMER® FLOOR** dry to touch perfectly before applying cement mortars.
- For other uses not specified on this Technical Bulletin or further information, consult the Technical Department.

### PACKAGING

**MAXPRIMER® FLOOR** is supplied in 5 kg and 25 kg jerry cans.

### STORAGE

Twelve months in its original packaging, in a covered place protected from frost, humidity and direct sunlight, with temperatures from 5°C to 35°C.

### HEALTH AND SAFETY

**MAXPRIMER® FLOOR** is not a toxic product but direct contact with skin and eyes must be avoided. Use rubber gloves and safety goggles during application. In case of skin contact, wash affected area with soap and water. In case of eye contact, rinse immediately thoroughly with clean water but do not rub. If the irritation persists, seek medical assistance.

Consult the Material Safety Data Sheet for **MAXPRIMER® FLOOR**.

Disposal of the product and its packaging should be carried out according to the current official regulations and it is the responsibility of the final user of the product.

## TECHNICAL DATA

<b>Product characteristics</b>	
General appearance and colour	Green liquid
Water:MAXPRIMER FLOOR mixing ratio, (% by weight)	3:1
<b>Application and curing conditions</b>	
Minimum application temperature for substrate and ambient, (°C)	> 5
Minimum drying time between coats application at 20°C & 50% R.H., (min)	10 - 15
Minimum drying time before covering at 20°C & 50% R.H., (h)	4
<b>Consumption*</b>	
Consumption per coat, (kg/m <sup>2</sup> )	0,15 – 0,20

\* These figures are for guidance only and may vary depending on porosity, texture, substrate conditions and application method. Perform a preliminary test on-site to ascertain the total consumption exactly.

## 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.U.** 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.



### **DRIZORO, S.A.U.**

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](mailto:info@drizoro.com) Web site: [drizoro.com](http://drizoro.com)