



# MAXBOND®

## ONE-COMPONENT BONDING AGENT FOR CONCRETE, MORTAR, PLASTER AND CERAMIC FIXING



### DESCRIPTION

**MAXBOND®** is a one-component liquid based on acrylic resins, specially formulated to improve the bonding between different layers of concrete. For mortars, it provides greater adhesion on smooth and porous-free surfaces or on the contrary very absorbent substrates. It acts as a bonding agent between the two elements to joining.

### APPLICATIONS

- On existing concrete which needs to be repaired or building up of compression layers.
- For paving to place a new flagstone on top of the existing one.
- Cement-based renders and plasters on walls and ceilings, indoor or outdoor, which are very porous and absorbent.
- Application of cement-based layers over substrates with no porosity such as

polished concrete, natural stone, marble, etc.

- For priming absorbent substrates before applying tile mortars.
- To stick loose pieces of ceramics back on to the mortar.

## ADVANTAGES

- High adhesion on absorbent substrates, avoiding the fast drying-time of concrete, mortar and gypsum.
- High adhesion over non-porous or polishing supports, saving additional costs of surface preparation treatments.
- Alkali-resistant.
- Suitable to be applied on damp surfaces.
- Once set, it is unaffected by thermal changes and it has flexibility.
- Works on traction and shearing.
- Environment friendly. Non-flammable.

## APPLICATION INSTRUCTIONS

### Surface preparation

Substrate must be sound and structurally resistant, remove all loose and damaged concrete. Surface should be clean, free of dust, greases, slurry, old coatings and other foreign particles which may affect the adhesion. On surfaces with unknown behaviour should be tested on-site and check result seven days later.

### Application

**MAXBOND®** is a product ready to use. Over substrates with high porosity, damp previously the surface with clean water in order to get better coverage, and then start the application. Apply on the surface a thin and continuous coat by brush, roller or air-sprayed machine, avoiding leave any puddle by an excess of product. If the surface is too porous apply two successive coats. The pink colour of **MAXBOND®** let to check the areas applied. Allow coat of **MAXBOND®** dry to touch before applying the concrete, mortar or plaster.

The minimum drying-time for next application is 20 minutes (20°C and 50 % R.H.). Effectiveness of the bonding agent decreases progressively, maximum open time is 24

hours. With higher temperatures or porous surfaces this time is shorter.

### Application conditions

Do not apply if temperature is below 5 °C or if expected to drop below 5 °C within 24 hours. Do not apply on frozen substrates.

### Cleaning

All tools and equipments must be cleaned with water immediately after application. Once it cures, it can only be removed by mechanical means.

## COMSUMPTION

Depending on porosity of substrate, approximately between 0,13 - 0,20 l/m<sup>2</sup> per coat. These figures may vary depending on the roughness and surface conditions. Very porous surfaces can require several coats. A preliminary test on-site will determine the coverage exactly.

## IMPORTANT INDICATIONS

- Do not apply on surfaces under hydrostatic pressure or rising damp.
- For any application not specified in this technical bulletin or further information, consult our Technical Department.

## PACKAGING

**MAXBOND®** is supplied in 5 and 25 litres jerry cans.

## STORAGE

Twelve months in its original unopened packaging, in a covered place protected from frost, with temperatures above 5 °C. In case of freezing it must be heated slowly, while being regularly stirred, until achieve its usual liquid appearance without lumps. Avoid overheating.

## SAFETY AND HEALTH

**MAXBOND®** is not a toxic product but skin and eye contact must be avoided. Use gloves and safety goggles. In case of eye contact thoroughly clean with clean water, but do not rub. In case of skin contact, wash affected areas with water and soap. If irritation persists, seek medical attention.

Safety Data Sheet of **MAXBOND®** are available by request. It is non-corrosive and non-flammable.

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

## TECHNICAL DATA

For further information, consult with the Technical Department.

## 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.



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

