



MAXEPOX[®] BOND - W

EPOXY BASE, TWO COMPONENT BONDING AGENT FOR DAMP SUBSTRATES

DESCRIPTION

MAXEPOX BOND – W is a two component epoxy adhesive, designed for the bonding of construction materials when the humidity in the substrate is high.

USES

- Especially designed for the bonding of new concrete onto set concrete, stone, marble, wood, glass. etc., when the substrate is damp.

ADVANTAGES

- Exceptional adhesion on damp substrates.
- Excellent mechanical properties.
- Very good resistance to chemical agents and weathering.

APPLICATION INSTRUCCIONS

Mixing: MAXEPOX BOND – W is supplied in pre-weighed sets. The hardener, component B, is poured into the resin, component A. Make sure to pour all of component B, to ensure a proper reaction. Mix both components manually or with a low speed mixing drill, until a homogeneous product is achieved, both in colour and appearance. It is advisable that once the two components are well mixed, the product should be poured into a clean container.

Check the technical data table for the “pot life” of the product, that is the time it takes to harden after mixing inside the container. For 5 kg. at a temperature of 20 °C, the “pot life” is 90 minutes.

Application: Apply MAXEPOX BOND – W has been designed to be applied over damp surfaces, as long as they do not have free standing water, and the hardening temperature is above 5 °C. If the concrete is very humid, when applying the adhesive, rub hard over and over with the brush or roller on the surface to be bonded until the surface has a milky emulsion of epoxy and water. If this is not achieved, the adhesive will not perform successfully.

MAXEPOX BOND – W hardens better at temperatures above 10 °C, and does not harden if the temperature is below 5 °C, in such a case it will be necessary to create on the substrate appropriate conditions during the time the hardening takes place. (See Technical data table. At 10 °C, the hardening time is 5 days).

Apply MAXEPOX BOND – W on the surface to be bonded using a short hair brush, roller or spatula, etc. Coverage will depend on the type of surface and humidity contents. Indicatively it may vary from 0.3 to 1.0 kg./ m²,

Additional information concerning the application can be found on our technical note *Recommendations for the use of epoxy base bonding agents*.

Open time: The new concrete or construction material to be bonded must be placed in the open time interval. Consult the technical data table, (at 20°C the time is 2 hours).

Cleaning: The tools can be cleaned with MAXEPOX SOLVENT. Do not use any solvent at all for personal cleaning. Instead use soap, detergents or especial products.

PACKAGING

MAXEPOX BOND – W is supplied in pre-weighed sets of 5 and 10 kg.

STORAGE

One year when stored in air-tight containers in a temperate and dry place, avoiding temperatures below 5 °C and direct sun exposure.

Prolonged storage and temperatures below 5 °C produce the crystallising of the product. Should this happen, in order to return the product to normal conditions it must be heated between 80 and 90 °C while being regularly stirred.

CAUTION

Avoid contact with the skin, mucous membranes, etc. Do not inhale vapours produced during heating or combustion. Observe the usual precautions necessary for the application of this type of products.

TECHNICAL DATA

Proportion of components A:B (by weight)	1 : 1
Pot life 10 °C / 20 °C / 30 °C (minutes)	180 / 90 / 30
Open time 10 °C / 20 °C / 30 °C	4 h/ 2 h/ 45 min.
Curing time 10 °C / 20 °C / 30 °C (days)	5 / 4 / 3
Compression strength (Kp/cm², 24 h. 20 °C)	800
Flexural strength (Kp/cm², 24 h. 20 °C)	200
Elasticity modulus (Kp/cm², 24 h. 20 °C)	170,000
Minimum hardening temperature (°C)	> 5
Consumption (kg/m²)	0.3 - 1.0

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

