



MAXEPOX[®] BOND

EPOXY BASE, TWO COMPONENT BONDING AGENT

DESCRIPTION

MAXEPOX BOND is a two component epoxy adhesive, designed for the bonding of construction materials.

USES

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

ADVANTAGES

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

APPLICATION INSTRUCTIONS

Mixing: MAXEPOX BOND 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 75 minutes.

Application: Apply MAXEPOX BOND over the surface to be bonded, using a short haired brush, roller, spatula, etc. Apply a homogenous thickness, with a consumption around 0.3 y 1.0 kg/m², depending on the state of the substrate.

Recommendations about the application: MAXEPOX BOND has been designed to be applied over dry surfaces and with hardening temperatures above 5 °C. If the concrete contains humidity, it is not sufficient to dry the surface with hot air, as the humidity within the concrete will quickly rise to the surface. In case the substrate is humid we recommend the use of the MAXEPOX BOND – W type.

Below 5 °C the hardening reaction for MAXEPOX BOND does not take place. If work has to be done at lower temperatures, 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 on the surface to be bonded using a short hair brush, roller or spatula, etc. Apply a homogenous thickness layer with a coverage ranging from 0.3 to 1.0 kg./ m², depending on the type of surface.

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 is supplied in pre-weighed sets of 2 and 5 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 : 0,48
Pot life 10 °C / 20 °C / 30 °C (minutes)	150 / 75 / 20
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.



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