



MAXEPOX[®]

CAT

CATALYST TO SPEED UP THE DRYING-TIME OF EPOXY-BASED RESINS MAXEPOX[®] RANGE

DESCRIPTION

MAXEPOX[®] CAT is a solvent-free catalyst specially designed to be used with solvent-free epoxy resins in order to speed up the drying and curing time of coatings and flooring systems.

APPLICATION FIELDS

- Waterproofing works with **MAXEPOX[®] FLEX** at low temperature and high relative humidity.
- Epoxy-based flooring systems where urgent opening to traffic is required, for **MAXEPOX[®] MORTER, MAXEPOX[®] FLOOR**, etc.
- Quicker drying-time and curing process for works close to marine environment conditions, underground areas with poor ventilation and high ambient humidity, and applications at winter temperature.

ADVANTAGES

- Provides to be tack-free and recoat at the same day, providing a faster execution process and saving labour costs.
- Provides a quicker drying time and proper curing process at low temperature or close to dew point temperature.
- Reduces time for putting-into service of the applied coating.
- Totally compatible with solvent-free epoxy-based products, easy to mix and completely soluble.

APPLICATION INSTRUCTIONS

Mixing

MAXEPOX[®] CAT is a product ready to use, to be added on the premixed epoxy resin binder (A + B) with ratio from 2 % - 6% on weight, depending on the drying-time desired.

In case the epoxy resin binder is used to make up an epoxy mortar with silica sand, add **MAXEPOX[®] CAT** once components A + B + silica sand is perfectly previously mixed.

Mix all components preferably using a low speed drill (300-400 rpm. maximum), fitted with a mixer suitable for liquids, for about 2-3 minutes until

achieving a homogeneous product in colour and appearance. Scrape the sides and the bottom of the container several times during mixing to ensure complete mixing.

Do not mix for prolonged period nor use high-speed mixer, which may heat the mixture or introduce air bubbles.

Application

Apply immediately the epoxy-based mix following the instructions given in the respective Technical Bulletin. Allow the first coat to dry tack-free, before applying the second coat.

Application conditions

Consult the recommendations of epoxy-based range product for applications conditions.

Curing

Consult the Technical Data Table before putting into service. Lower temperatures and/or higher R.H. increase curing time.

Cleaning

All mixing and application tools, and equipment must be cleaned immediately with **MAXEPOX[®] SOLVENT** after use. Once product cures, this can only be removed by mechanical means.

CONSUMPTION

Dosage of **MAXEPOX[®] CAT** varies from 2,0 % to 6,0 % by total weight of binder resin components A+B, and depending on the drying-time desired and temperature application.

Determine previously the optimum dosage with trial mixes according to application method and curing conditions on jobsite.

IMPORTANT INDICATIONS

- Do not add solvents, thinners, additives, aggregates or any other non-specified compound. These chemicals could modify or inhibit the curing process.
- All recommendations in the respective Technical Bulletin of the epoxy product used must be followed when adding **MAXEPOX[®] CAT**.

- For other uses not specified on this Technical Bulletin or further information, consult the Technical Department.

achieving its homogeneous and original lump-free appearance.

PACKAGING

MAXEPOX® CAT is supplied in 1,5 kg can.

STORAGE

Twelve months in its unopened original packaging. Store in a cool, dry and covered place, protected from moisture, frost and direct sunlight, with temperatures between 5 °C and 35 °C.

Storage at temperatures below 5 °C may lead the crystallisation of product components. Should this happen, it must be heated slowly at moderate temperature while it is regularly stirred until

SAFETY AND HEALTH

MAXEPOX® CAT is not a toxic product but direct contact with skin and eyes must be avoided. Use rubber gloves and safety goggles when handling, mixing and applying the product. In case of contact with skin, wash affected area with soap and water. In case of contact with eyes, rinse immediately thoroughly with clean water but do not rub. If the irritation persists, seek medical assistance.

Consult the Material Safety Data Sheet for **MAXEPOX® CAT**

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.

TECHNICAL DATA

Product characteristics		
General appearance and colour	Translucent liquid	
Density at 20 °C, (g/cm³)	1,0 ± 0,1	
Flammability	Non-flammable	
Application and curing conditions		
Comparative Pot-life and Drying-time added to epoxy MAXEPOX® FLOOR	At 15°C	At 25 °C
- Non addition, Pot life (min) / Recoating and drying-time (h)	40 / >24	25 / 12-24
- 2% ratio, Pot life (min) / Recoating and drying-time (h)	35 / 9-10	20 / 8-9
- 4% ratio, Pot life (min) / Recoating and drying-time (h)	30 / 7-8	15 / 6-7
- 6% ratio, Pot life (min) / Recoating and drying-time (h)	25 / 6-7	10 / 5-6
Consumption		
MAXEPOX® CAT ratio to be added, (% by weight of epoxy binder resin A+B)	2 - 6	

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.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.



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