



# MAXCURE®

## CURING AGENT FOR CONCRETE AND MORTARS

### DESCRIPTION

**MAXCURE®** is a water-based milky pure acrylic resin, that sprayed over the surface of fresh concrete or mortar, provides a thin film acting as a protective barrier to prevent an excessive fast drying.

### APPLICATIONS

Improves the curing of concrete and mortar used in:

- Highways, roads and ramps.
- Airport runways, bridges.
- Concrete roofs and decks.
- Beams and columns.
- Dams, channels.
- Pre-cast units, etc.

### ADVANTAGES

- Reduces superficial shrinkage in concrete, thus diminishing the risk of plastic cracks.
- It does not affect the setting time.
- Better curing process ensures that expected mechanical strengths are achieved.
- Increase frost resistance of concrete.
- It does not affect the aesthetic finish.
- Easy to use and economical when compared with other curing methods.

### APPLICATION INSTRUCTIONS

#### Application

**MAXCURE®** can be sprayed by either manual or air-powered spray, directly over the surface of fresh concrete or mortar, leaving a thin and continuous film. The application will be carried out in two successive coats, being sprayed when the surface has started to become matt (30 to 120 minutes after concrete placement and depending on weather conditions).

When de-moulding concrete units, **MAXCURE®** must be sprayed soon after.

#### Application conditions

Do not apply neither below 5 °C nor when such temperatures are expected to drop within the first 24 hours. Do not apply on frozen surfaces.

Do not apply if rain is expected within the first 3-4 hours after application.

#### Curing

Although the white film of **MAXCURE®** loses its coloration with the time, the curing effect remains for 3 to 4 weeks, disappearing by the traffic exposed and the wheathering.

#### Cleaning

Spraying devices and their nozzles must be thoroughly rinsed with water and brush immediately after use.

### COMSUMPTION

The consumption approximately are about 0.20 – 0,25 l/m<sup>2</sup>. In hot weather conditions or strong winds, estimate an increase of about 20 – 30%. These figures may vary depending on the roughness and surface conditions. A preliminary test on-site will determine the coverage exactly.

## IMPORTANT INDICATIONS.

- Avoid freezing or excessive heat during storage.
- Do not use **MAXCURE**<sup>®</sup> on surfaces that are to be coated or painted.
- Always spray **MAXCURE**<sup>®</sup>. Do not use a brush.
- For any application not specified in this technical bulletin or further information is required, consult our Technical Department.

## PACKAGING

**MAXCURE**<sup>®</sup> is supplied in 20 litre jerrycans and 220 litre drums.

## STORAGE

Twelve months in its closed original packaging, in a dry and covered place protected from humidity and 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

**MAXCURE**<sup>®</sup> 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.

It is available Safety Data Sheet of **MAXCURE**<sup>®</sup>. 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

Characteristics of the product	
Appearance and colour	Milky liquid
Density (g/cm <sup>3</sup> )	1,05 ± 0,05 aprox.
pH	9 ± 1
Characteristics of cured product	
Water retention after 72 hours at 32 % R.H. and 38° C (g/cm <sup>2</sup> ) ASTM C-309	0,035

## 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.** 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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