



# BISEAL<sup>®</sup> AF

## ANTIFREEZE ADDITIVE FOR CONCRETE AND MORTARS

### DESCRIPTION

BISEAL AF is an antifreeze additive for concrete and mortars, without chlorides or fluorides.

### USES

Preparation of concrete and mortars that are going to be exposed to temperatures as low as – 8 °C, a couple of hours after its placing.

### ADVANTAGES

- Provides setting and hardening capability to mortars and concrete when exposed to low temperatures.
- Accelerates the setting of the concrete and mortar prepared.

### APPLICATION INSTRUCTIONS

#### Mixing of the product.

BISEAL AF is added directly to the mixing water.

#### Dosage and consumption.

Dosage varies between 1% to 3% of cement weight.

It is advised to do a trial previously, to determine the adequate amount of product, depending on the temperature on the job, and the setting time available.

### CAUTIONS

- Minimum cement content of concrete of at least 300kg/m<sup>3</sup>.
- Cement, water and aggregates shall be protected from temperatures below 0 °C.
- When mixing, the temperature of concrete shall be above +5°C, and reinforcements and forms shall be above 0 °C, without any ice or snow on them.
- The mixing shall be done with the minimum amount of water and an adequate cement dosage.
- Concrete shall be covered to prevent loss of heat and humidity.
- Form removal delays shall be increased the same number of days that the element has been exposed to temperatures below 0°C, after its placement.

### PACKAGING

20 litre jerrycans.

## STORAGE

Twelve months in its original unopened container in a dry covered place and at temperatures above – 5 °C.

## SAFETY

- Avoid contact with the eyes and skin.
- Use rubber gloves and safety goggles.
- If it comes in contact with the skin, wash with warm water and soap.
- If it comes in contact with the eyes rinse thoroughly with water and seek medical assistance.

## TECHNICAL DATA

<b>Colour</b>	Transparent
<b>Appearance</b>	Liquid
<b>pH</b>	13

## 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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