



# BISEAL®

## WA



## CHLORIDE-FREE WATERPROOFING LIQUID ADMIXTURE FOR CONCRETE AND MORTARS

### DESCRIPTION

**BISEAL® WA** is a chloride-free liquid waterproofing admixture that reduces the permeability and water absorption of mortars and concrete, providing high waterproofing properties.

### APPLICATION FIELDS

- Obtaining mortars and concrete with low water absorption by capillarity or direct water pressure in foundations, basements, tunnels, channels, precast elements, marine structures, etc.
- Interior or exterior waterproof renders on concrete blocks, brick, concrete, etc.
- Rendering of reservoirs, swimming pools, basements, elevator shafts, wells and canals.

### ADVANTAGES

- Very simple use, only to be added with the mixing water.
- It improves durability against freeze-thaw cycles and weathering.
- It reduces the appearance of superficial salts and efflorescences.
- It provides a plasticizer side effect on fresh concrete, improving its workability and allowing to reduce mixing water ratio.

### APPLICATION INSTRUCTIONS

#### Mixing

It is supplied ready to use, and is added directly to the mixing water of concrete.

For preparation of waterproof renders, after making the mortar with one part of cement and 2,5 or 3 parts of clean sand and size less than 3 mm, apply two coats between 1 to 1,5 cm each one, finishing immediately with sponge or trowel.

### CONSUMPTION

Estimated consumption is from 1 to 3% of the cement weight ( 0,5 to 1,5 kg per 50 kg bag of cement).

Trial mixes should be carried out previously to fix optimum dosage and effect on desired properties of concrete and mortar.

### IMPORTANT INDICATIONS

- Overdosage may cause reduction of mechanical resistance and bleeding.
- For other uses not specified in this Technical Bulletin, consult our Technical Department.

### PACKAGING

**BISEAL® WA** is supplied in 20 kg, jerrycans, 220 kg drums and 1000 kg containers.

### STORAGE

Twelve months in its original unopened containers, in a dry and covered place protected from frost, with temperatures above 5°C.

If frozen, thaw and agitate thoroughly to return to its normal state before use.

## SAFETY AND HEALTH

**BISEAL® WA** is not a toxic product but avoid contact with eyes and skin. Use safety goggles and rubber gloves. In case of skin contact, wash with luke-warm water and soap. In case of eye contact, rinse thoroughly with water seek medical assistance.

It is not classified as dangerous material for transportation and non-flammable.

Safety Data Sheet for **BISEAL® WA** is available by request.

The final user must do disposal of the product and its empty packaging and according to official regulations.

## TECHNICAL DATA

Description	Waterproofing admixture. EN 934-2 T6
Density (g/cm <sup>3</sup> )	1,02 ± 0,02
pH	12
Appearance	White liquid
Solubility in water	Complete
<b>BISEAL® WA meets specifications for CE marking of waterproofing admixtures for concrete according to EN 934-2.</b>	

## GUARANTEE

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