



# MAXCLEAR<sup>®</sup> SULFAT

## ANTI-SALT PROTECTION TREATMENT FOR CONCRETE AND MASONRY SURFACES

### DESCRIPTION

**MAXCLEAR<sup>®</sup> SULFAT** is a one-component water-based liquid product. Once applied it penetrates by diffusion and capillarity into the substrate to provide a barrier against salts and avoiding the appearance of efflorescences on the surface. It is ready-to-use on absorbent mineral substrates such as concrete, cement-based mortar and bricks.

### APPLICATION FIELDS

- Anti-salt treatment of the substrate in waterproofing and repairing works, protecting from the damages caused by crystallization and pressure of salts on surface prior to application of cement-based renders and waterproofing mortars such as **MAXSEAL<sup>®</sup>** (Technical Bulletin n° 01) and **MAXSEAL<sup>®</sup> FLEX** (Technical Bulletin n° 29).
- Prevents the appearance of efflorescences on the surface of absorbent and porous substrates such as concrete, cement-based mortar, stone and bricks.

### ADVANTAGES

- Solvent-free and odour-free, being the suitable product for indoor and poor ventilation working areas.
- Can be applied on damp substrates.
- Penetrates deeply into building materials.
- Allows water vapour diffusion, it does not seal the pores.
- Suitable for common salts in mineral substrates such as chlorides, sulphates, nitrates, etc.

- Non-flammable, non-toxic and non-corrosive. Environmentally friendly.
- Very high alkali resistance.
- Quick-drying.

### APPLICATION INSTRUCTION

#### Substrate preparation

The surface must be clean, free of all traces of grease, paint, curing compounds or any other film which could inhibit the penetration of the product. Remove all unsound and loose concrete. Repair all cracks and defects of the substrate with **MAXREST<sup>®</sup>** (Technical Bulletin n° 02). In order to optimise the absorption of **MAXCLEAR<sup>®</sup> SULFAT** inside the substrate, it should be applied preferably on dry surfaces.

#### Application

**MAXCLEAR<sup>®</sup> SULFAT** is supplied ready-to-use, it can be applied by brush or spraying with a low-pressure pump. Apply and spread uniformly **MAXCLEAR<sup>®</sup> SULFAT** on surface until the substrate is fully saturated to ensure maximum absorption. For best performance and once the first layer is completely absorbed, a second layer must be applied to saturation immediately, working wet-on-wet. The waiting time between layers should be as short as possible.

Once the substrate is dry to touch, the subsequent application of a mortar should be done immediately after wetting the substrate. If the application were done after a few hours, a bonding problem between the treated substrate and the mortar may appear. Do not allow more than 20 to 30 minutes before applying the mortar.

### Application conditions

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

### Cleaning

All tools and equipments can be cleaned with water immediately after use.

### CONSUMPTION

The coverage of **MAXCLEAR® SULFAT** depends on the type and porosity of substrate, it is estimated from 400 to 500 g/m<sup>2</sup>. A preliminary test on-site will determine the coverage exactly.

### PACKAGING

**MAXCLEAR® SULFAT** is supplied in 25 l drums.

### STORAGE

Twelve months in its original unopened packaging. It must be stored in a dry and

covered place, protected from humidity and freezing, with temperatures above 5 °C.

### IMPORTANT INDICATIONS

- Do not use on substrates without porosity or absorbency.
- Recommended waiting time between coats of **MAXCLEAR® SULFAT** and mortars must be followed.

### SAFETY AND HEALTH

**MAXCLEAR® SULFAT** is non-toxic and non-corrosive but an abrasive product, and both rubber gloves and safety goggles must be used to apply. In case of eye contact, rinse thoroughly with abundant clean water, but do not rub. In case of skin contact, wash affected areas with soap and water. If irritations persist, seek medical attention. For further information, Safety Data Sheet of **MAXCLEAR® SULFAT** is available by request.

The final user is responsible for the disposal of the product and its empty packaging, disposal must be made according to official regulations.

### TECHNICAL DATA

Appearance and colour	Milky liquid
Density (g/cm <sup>3</sup> )	1,0 ± 0,02
pH	7 – 8
Solvent content (%)	None
Flash point	Non-flammable
Toxicity	Non-toxic
Total consumption approx. (g/m <sup>2</sup> )	400 – 500

### 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.** 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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