

## Protective layer for tiles before grouting OS1500 CMC

### Packaging :

Product	For 1 kit	Sales unit	Color
CMC	0.120 kg in sachet	Per sachet of 0.120 kg	Blue

### Description of the products :

The CMC protective layer is used for all applications of acid-proof joints based on non-emulsifiable or non-water-soluble resins, where it is imperative to protect the surface of the tiles to prevent the formation of difficult or even impossible to remove stains.

Höganäs cellulose protective coating is a powder that can be diluted directly into water.

After application and drying of the protective layer, the cellulose forms a film on the surface of the tile, thus preventing any direct contact and thus any adhesion between the tile and the grouting mortar.

A 120g bag allows the preparation of 10L of protective layer.

### Field of application :

The use of the protective layer is recommended when grouting ceramic tiles with the OS 1500 polyester grout.

### Consumption:

These values are given for information purposes only. Consumption varies according to the number of coats applied.

Number of coat	Consumption
1 coat	≈ 10 m <sup>2</sup> /L
2 coats	≈ 5 m <sup>2</sup> /L
3 coats	≈ 2.5 m <sup>2</sup> /L

### Preparation of the protective layer :

Under agitation, pour the sachet of CMC into 10 litres of water. Make sure to respect the proportions during dilution to obtain the required consistency for application.

Allow the preparation to stand until the powder has swollen. Mix again with a low-speed mixer.

The prepared protective layer must have a homogeneous consistency and a uniform blue tint. Application can then begin.

It is advisable to prepare the protective layer the day before application.

### Application :

The CMC protective layer must be applied the day before grouting. Before application check that the floor to be protected is perfectly clean and dry. Grease, cement and dust residues must be carefully removed. Also check that the screed and adhesive mortar are dry and have set properly.

The CMC protective layer is gently applied with a short-nap roller without pressing diagonally across the tiles to prevent spillage between the tiles. It is imperative that the CMC does not enter the spaces to be joined, which would reduce the adhesion of the grout.

To ensure that the protective layer completely covers the tile surface, apply several successive coats in a cross-pass pattern.

The number of coats to be applied will vary depending on the type of tile surface:

Type of tile surface	Non-slip class	Number of coats to be applied	Examples
Smooth	R9 / R10	2 coats	1050 / 2050 / KERADUR
Non-slip	R11 / R12 / R13	3 coats	500GK / 2850 / SICODUR

Each coat must be thoroughly dry before the next one is applied. At a temperature of 20°C and in a well ventilated room, the drying time of one coat is about two hours.

Once the film is perfectly dry, the grouting can begin in accordance with the instructions for using the mortar (for more information, please refer to the corresponding technical data sheet).

In order to facilitate cleaning afterwards, remove as much of the superfluous mortar as possible, taking care not to damage the protective layer. To do this, the trowel is pulled at right angles to the tiles, always working diagonally so as not to empty the joints.

#### **NOTE :**

Before and during grouting, make sure that the protective layer is **not damaged by mechanical wear or moisture**. The area must be kept free of traffic between laying the protective layer and grouting.

#### **Cleaning :**

Cleaning of the area can begin no sooner than 48 hours after grouting in order not to damage the joints. Before starting the cleaning operation, make sure that the joints have cured properly.

The floor is cleaned with water. On contact with it, the CMC will solubilize again, removing the mortar residues.

Several methods can be used for this purpose:

- ◆ High pressure cleaner type Karcher
- ◆ Immersion of the surface for about 2 hours then passing a scrubber-dryer with abrasive disc (black scotch brite) or brushing with a hard bristle brush for small surfaces.

**BE CAREFUL** with the risks of slipping because wet CMC becomes slippery.

Note: If the floor is likely to be dirty by other workers, the cleaning phase can be postponed until the work is completed.

#### **Protective measures :**

The CMC protective layer is not classified as dangerous according to the regulations in force, however it remains a chemical product. Therefore, it is necessary to apply the classical safety instructions (safety glasses, ...) inherent to the handling of chemicals.

#### **Storage :**

The products must be stored in their original packaging, tightly closed and must be stored between 5 and 35°C away from humidity. Packaging must not be exposed to direct sunlight.

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