

COLORTEC

Latex Modified Water Repellant Cement Based Tile Grout

Description:

COLORTEC is a latex modified single component, water resistant water repellant, smooth finish cementitious colored grout, formulated from white cement quartz powder, synthetic resins, polymer, stable colors and water proofing additives. When mixed with water, the product becomes smooth, easily applied grouting mortar, with high mechanical resistance and shrinkage free once cured. COLORTEC is designed to accommodate joints between tiles, ceramics, porcelain and marble up to 4 mm.

Applications:

COLORTEC is suitable as a colored grout for joints between tiles in:

- Bathrooms and kitchens walls and floor.
- Dry application at corridors, walls and living area.
- Offices and show rooms.

Advantages:

- Provides a water repellant surface good compressive and flexural strength
- Wet and dry areas internally and externally.
- Applicable for floors and walls.
- Shrinkage compensated, does not separate after drying.
- High abrasion resistance.
- Stable colors even at heavy cleaning environments.
- Water resistant can be applied at wet areas.
- Designed for tropical climate.

Instructions for Use:

Surface Preparation:

All joints to receive COLORTEC should be clean, dry and free from loose material, dirt. Tiles to be checked for full setting before applying grouting. Refer to the technical data sheet of the tile adhesive applied

before commencing application with COLORTEC grouting.

Mixing:

Add the bag contents to a clean container with 6.5 liter of clean water. Mix until a uniform, lump free consistency mix is achieved. Leave the mix to rest for 5 minutes, and remix before grouting.

Application:

With a rubber sided or a plastic trowel, spread the mixed COLORTEC to the substrate evenly and in sufficient quantity. Fill the mix to the joints firmly and ensure full coverage. Sweep excess from the face of tiles using same trowel. Once grout has filled all joints, leave the work area for a time interval of 15 minutes, then clean the face of tiles afterwards with a clean damp cloth. After full drying of the grout, apply proper cleaning to the face of the tiles.

Usually joints color grouting can be performed after 24 hours of tiling of walls and floors. Refer to technical data sheet of adhesive for more details.

When it is required to enhance the water proofing and flexibility features of COLORTEC, the product can be mixed with substitution of ELASTOGRIP latex instead of water either fully or partially. For partial substitution apply a ratio of 1:1 water to latex.

Standards:

COLORTEC conforms to:

- ISO 13007-3 as CG1
- EN 13888-CG1
- ANSI 118.6, 118.7

If mixed with ELASTOGRIP confirms to:

- EN 13888-CG2 AW

Packaging:

Available in 20 kg paper bags.

COLORTEC

TECHNICAL PROPERTIES	
Color	: Refer to MATEX for further colors.
Workability	: 45 minutes
Adhesion strength	: 1.80 N/mm ²
Linear shrinkage	: <2.5 mm/m
Water absorption	: <10 g
Wet Density	: 1.60 kg/lit
Dry Density	: 1.35 kg/lit
Compressive strength	: 25 N/mm ²
Flexural strength	: 5 N/mm ²
Noxiousity CEE881379	: None

Coverage:

Consumption depends on sizes of tiles and joints dimensions. Consumption can be calculated using one of the following two formulas:

$$\frac{W \times D}{1,000} \times L \times 1.6 = (\dots) \text{ Kg. /m}^2$$

OR

$$\frac{A + B}{A \times B} \times W \times D \times 1.6 = (\dots) \text{ Kg. /m}^2$$

W: width of Joint (mm)

D: depth of tile (mm)

L: linear meter of joint in 1m² of tiles

A: length of tiles (mm)

B: width of tiles (mm)

Storage:

Store in original packing in dry conditions away from direct sunlight and high humidity levels.

Shelf Life:

COLORTEC can be utilized within 12 months of production date if stored in proper conditions in unopened original packing.

Cleaning:

Clean with water before the product dries.

Remarks:

- COLORTEC should not be applied onto surfaces likely to suffer from rising dampness or moisture content.
- During summer season, working area should be covered.
- In case of high absorbent tiles or high temperatures, dampen the joints with clean water.
- It is recommended to grout the joints after 24 hours.
- For external application, do not apply COLORTEC in rainy weather, high winds or sand storms.
- Always be sure that the tools and mixing water are clean in order not to affect the grout color.

Health and Safety:

- Use goggles and gloves during application. Do not breathe vapor of products. Use only in well ventilated areas.
- Avoid contact with eyes or skin.

MATEX Rev.10-1120

This technical data sheet is not considered as local building codes. It shall be used as general reference for the product, based on our current knowledge and experience. However the company do not accept any liability arising from the use of its products as it has no direct control on how and where the product is applied.

