

# COLORTEC PRIMA

## Anti-bacterial Anti-fungus Water Repellant Tile Grout

### Description:

COLORTEC PRIMA is a latex modified, high performance, single component, smooth finish colored grout. It is formulated to act as a waterproof, anti-bacterial, anti-fungus, water repellant tile grout. It is composed of a blend of white cement, high quality stable color pigments, special polymers, silica powder, high latex content, water repellant agent and anti-fungus additive.

COLORTEC PRIMA has a high resistance to water absorption which reduces the dirt accumulation in the grout. The anti-fungus/anti-bacterial additive in the mix prevents the generation of mould and bacterial in the joint.

### Applications:

COLORTEC PRIMA is suitable as a grout for tile joints in the following applications:

- Bathrooms and kitchens walls and floor.
- Showers, saunas, fountains, swimming pools, water features.
- Hygienic environment areas such as restaurants, hospitals, clinics, etc.
- High traffic areas such as airports, shopping malls, hotels, etc.

### Advantages:

- Hygienic product, prevents growth of fungus and inhibits bacteria growth.
- Wet and dry areas internally and externally.
- High UV and weather resistance.
- Applicable for floors and walls.
- Waterproof for all kinds of water splash and heavy cleaning.
- Shrinkage compensated, does not separate after drying.
- High abrasion resistance.
- Stable colors even at heavy cleaning environments.
- Formulated to tropical climates.

- Very low water absorbance which reduce the chance of grout color change due to dirt absorbance.

### Instructions for Use:

#### Surface Preparation:

All joints to receive COLORTEC PRIMA 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 PRIMA grouting.

#### Mixing:

Add the bag contents to a clean container with 7.0 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 PRIMA 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 went through and 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 PRIMA, 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.

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## Standards:

COLORTEC PRIMA conforms to:

- EN 13888 – CG2
- ANSI A 118.6-1999
- ISO CGW2A

## TECHNICAL PROPERTIES

Color:	:	Refer to MATEX color chart
Open time at 25°C	:	45 minutes
Density (Wet)	:	1.60 kg/lt
Compressive strength	:	30 N/mm <sup>2</sup>
Flexural strength	:	6 N/mm <sup>2</sup>
Shrinkage (fully cured)	:	0.1%
Water absorption	:	1%
Resistant to -		
Alkali solutions	:	Excellent
Acids	:	Good
Detergents	:	Excellent
Water resistance	:	Excellent

## Packaging:

COLORTEC PRIMA is available in 20 kg bags.

## Coverage:

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

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

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

*W: width of Joint (mm)*

*D: depth of tile (mm)*

*L: linear meter of joint in 1m<sup>2</sup> 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 PRIMA 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 PRIMA 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 PRIMA 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.00-1015

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.

