

ULTRA PLUS

Polymer Modified, Water Repellent Anti-Fungus Colored Tile Grout

Description

ULTRA PLUS is a polymer modified, fast setting, high performance, anti-efflorescence, water repellent & anti fungus tile grout. The product composed of a blend of special hydraulic binders, graded silica, special polymers, additives, water repellent agent, anti -ungus agent mixed with stable & U.V. resistant coloring pigments.

ULTRA PLUS has a high resistance for water absorption which reduces the dirt accumulation in the grout. Anti-fungus / anti-bacteria additive in the mix blocks the generation of bacteria and mould.

ULTRA PLUS is formulated to be suitable to fill joints in a size of (2 to 20 mm). The applied dry grout has high mechanical resistance and compensated shrinkage.

ULTRA PLUS is produced in a variety range of colors which match all types of tiles.

Features & Benefits

- Available in different colors for internal & external use.
- Waterproof and high mechanical properties.
- Anti-fungus and anti-bacteria.
- Water repellent performance
- Uniform and stain resistance
- Shrinkage compensated; cracks free
- Excellent workability
- Eco- friendly
- Suitable for hot weather.

Uses

ULTRACOLOR is used in hygienic environment as a colored grout to fill the joints in both wall and floor between ceramic tiles, mosaics, porcelain, marble and all types of finishing tiles.

It can be used in both wet and dry areas for internal and external applications such as rooms, bathrooms, kitchens, terrace, offices, showrooms, etc. for both residential and commercial buildings.

Technical Properties

Appearance	Colored powder
Dry Density	1,650 Kg/m ³
Open time	30 min @ 25°C
Adhesion Strength	≥ 1.8 N/mm ²
Water Absorption	<0.5 g @ 4hrs
Compressive Strength	35 N/mm ² @ 28 days
Flexural Strength	8.0 N/mm ²
Linear Shrinkage	<2.0 mm/ m
Set to light traffic	6-8 hours
Ready to use	24 hours (48 hours for swimming pools)
Abrasion resistance	750-800 (loss in mm ³)
Resistant to acid and alkaline	Excellent

All values are subject to 5-10% tolerance

Standards Compliance:

- EN 13888 – CG2
- ISO 13007 – 3 CG2
- ANSI A118.7
- BS 5980

Application Procedures

Surface preparation:

When the tile adhesive has dried, scratch out the joints to sufficient depth and clean surfaces from loose material and dirt. Setting of tile adhesive must have come to an end to avoid discolorations.

Mixing Instructions:

Add **ULTRA PLUS** (20 kg bag) into a container of 6.5-8.0 Ltr of clean water, mix until a uniform lump free consistency mix achieved. Leave to stand for 5 minutes and remix before use.

For high absorbent and chalky tiles or tiles under water like swimming pools or fountains use POLYLATEX polymer as a partial replacement for mixing water (1 Part latex: 2 parts water).

Application Instructions:

Apply **ULTRA PLUS** to the tile joints with rubber sided or plastic trowel. Spread the grout mortar to the substrate in sufficient quantity. Fill the joints with mortar and ensure full coverage. Sweep any excess material from the surface of tiles. Let the product to set for 20-30 minutes and then clean with damp sponge or cloth. After complete hardening clean all tiles surface with a dry cloth.

Yield/ Coverage

For different size of tiles and joint width from 2 to 20mm, consumption of **ULTRA PLUS**, can be calculated using the following formula:

$$\text{Kg (per m}^2\text{)} = \frac{A + B}{A \times B} \times W \times D \times 1.85$$

Where:

A	= length of tile (mm)
B	= width of tile (mm)
W	= width of joint (mm)
D	= average joint depth (mm)

Packaging

ULTRA PLUS is available in 20kg bags.

Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.

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