

CA004 TILE GROUT



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Description:

ITLS CA004 is a premium cement based tile grout which contains selected fine silica powder, additives, graded aggregates and color pigments. ITLS CA004 designed for non-absorbent and non-vitreous type tiles with narrow grout joint.

Uses In Applications:

Ideal for use with ceramic tile, quartz stone / tile, artificial stone / tile, natural stone, crystallize stone, reconstituted stone, homogeneous tile, marble, granite, porcelain tile, quarry tile, klinker and mosaics with maximum joint width up to 5mm.

When grouting joint greater than 5mm use ITLS CA004 Sanded tile grout.

Feature & Benefit:

- ◆ European Standard (**BS EN 13888 : 2009 – Class CG2 WA Table 1 & 2**)
- ◆ Design for Exterior and Interior Use
- ◆ Smooth Appearance and Non Shrinking
- ◆ Uniform Color
- ◆ Available in a Range of Architectural Colors
- ◆ Easy to clean and Non Toxic

Substrate Preparations:

The grout joint must be clean and dry, free from excess of tile adhesive. Minimum grout joint width is 1.5mm with 2mm depth. Remove tile spacer and any debris from grout joint. Remove dust and dirt using a wet sponge. Do not leave water standing in joint. Do not apply when the tile surface temperature is hot, more than 40°C. Dampen tile surface with water to reduce the tile surface temperature.

Mixing Procedure:

Pour liquid part into empty and clean container, then slowly add powder part whilst stirring with a low speed electric drill mixer with suitable paddle. Approx. mixing Ratio: 1L liquid with 3Kg powder by volume (approx. 1:3 by volumn).

Mix until a homogeneous mixture is obtained and make sure there is no lumps and unmixed powder is left in the mixture. The grout mixture should be allowed to stand for 2 minutes then restirred before used.

To produce a flexible and better chemical resistant tile grout use ITLS CA003 Grout Additive.

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Applications:

Spread the grout mixture with rubber squeegee. Ensuring that the grout paste is worked well into the joint. Use diagonal strokes to pack the joints. Remove excess grout from the face of the tiles with the edge of the rubber squeegee. Remove a thin layer cement scale with soft semi dry cloths once the grout joint are dry.

Specification:

The high performance cementitious based tile color grouting shall be ITLS CA004 mixed with water which shall be in accordance with BS EN13888:2009 table 1 & 2 Class CG2 as a type cementitious based tile grout.

Tools & Equipment Cleaning:

All tools and equipment can be cleaned with warm water before the product set. Hardened material has to be removed mechanically. Caution: All of the acidic tile cleaner, shall consult to manufacturer's instruction and trial prior to application of grouting sample is accepted.

Storage & Shelf Life:

Store ITLS CA004 Tile Grout in cool and dry area with proper ventilated conditions. Unopened bags can be stored up to 12 months. Bags must be stored off the floor.

Packaging:

ITLS CA004 Tile Grout available in: 25Kgs Paper bags.

Health & Safety:

ITLS CA004 Tile Grout powder is non-toxic but contains cement which may cause skin dermatitis. ITLS recommend the use of dust mask, eye protection and wearing of gloves when handling this product.

Fire:

CA004 is non-flammable.

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