

# FLOOR TILE GROUT

## Mould and Water Resistant Flexible Cement Based Floor Tile Grout

### Technical Data Sheet



### PROFESSIONAL TILING RANGE

CLASS  
CG1

#### Description:

A grey, cement-based, polymer modified joint filling compound for tile joints from 3mm wide up to 12mm wide around all types of ceramic floor tiles. Conforms to EN 13888:2002 Type CG Class 1.

#### Features & Benefits:

- ◆ For joints up to 12mm.
- ◆ Ideal for all types of ceramic tiles.
- ◆ Water and mould resistant.
- ◆ Suitable for swimming pools.
- ◆ Interior and exterior application.

#### Uses

FLOOR TILE GROUT is formulated to provide a flowable, readily compactible grouting slurry, which can be easily applied across all types of ceramic tiled surfaces. FLOOR TILE GROUT will dry to a hard, durable, water resistant finish, suitable for interior and exterior applications, including swimming pools

#### Limitations

Use mixed material within 1 hour. Do not re-mix grout that is starting to set by adding extra water. All tile surfaces should be checked before starting to ensure colour staining of porous surfaces or scratching of glazed surfaces will occur during grouting. Slight colour variation may occur between batches and will occur under different mixing and/or site conditions. Swimming pools should not be filled for 3 weeks after grouting. Not to be used in applications prone to movement.

#### Preparation

Check that all the tiles are securely fixed and that the tile adhesive has thoroughly dried before applying any load or pressure to the tiled surface. Allow a minimum of 12-24 hours when using standard setting adhesives and ready mixed adhesives, or 2-3 hours when using fast setting adhesives. Ensure all joints are a maximum of 3mm wide and they are raked clear of any excess adhesive residues to allow an even and consistent depth of grout to be applied in all areas. It is recommended that current best practice e.g. the current TTA or COP guidelines are always followed.

#### Mixing

FLOOR TILE GROUT powder should be added to water, approximately 1Kg of powder to 300ml of water in a clean container and mixed to a smooth, creamy, lump-free consistency, preferably with a mechanical mixer. Allow to stand for 3-5 minutes, re-mix briefly, and use within 1 hour depending on site temperature and conditions.

Part-used grout should never be “freshened up” by adding more water, discard any grout once it appears to lose workability.

#### Application

Using a grouting tool, sponge or squeegee, work the mixed grout thoroughly into the joints ensuring the joints are completely filled. Remove excess grout from face of tiles with a damp sponge or cloth. Use a suitable tool to compact grout into joints. After initial hardening of the grout, clean the tile surface using a clean dampened sponge working diagonally across the grout lines. Allow the grout to harden sufficiently to prevent removal from the joints when cleaning (normally between 1 and 2 hours). Once the grout is set, polish the surface with a soft clean cloth.

#### Open Time

Open time of the exposed adhesive bed is approx. 20 minutes, dependant on conditions. Pot life approximately 60 minutes @ +20°C.

#### Dryng Time

Final set will occur between 24-48 hours. Cement based products will take longer to harden and set at lower temperatures and should not be used below 5°C. Light foot traffic: after 12-24 hours. Full traffic: after 24-48 hours (dependant on site conditions). In exterior conditions, it is essential to provide protection from all extremes of climate for as long as possible during and after grouting has been completed (a minimum of 72 hours is recommended).

#### Cleaning

Clean tools after use with soap and water before the product dries.

#### Coverage

This will vary depending on the tile size, joint depth and width. Approximately 1Kg of FLOOR TILE GROUT will grout 2m<sup>2</sup> of 300 x 300mm tiles with a 5mm joint depth. on the tile size, joint width and depth.

#### Size

3Kg paper sacks.

## Colour

Grey.

## Shelf Life

12 months from date of manufacture when stored in original, sealed bags.

## Storage Conditions

Store in original, unopened sacks, off the ground, in cool, dry conditions and away from excessive draughts.

**Chromium VI:** This product must be stored in unopened manufacturers bags away from extremes of temperature in dry conditions. This product must be used within 6 months from date of manufacture. Use of this product after the use by date or incorrect storage may increase the risk of an allergic reaction from Chromium VI.

## Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any bags or used material to a central disposal point in accordance with local regulations.

## Health & Safety

Please refer to separate safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's responsibility to determine suitability for use. If in doubt, contact our Technical Department for advice.

**Note: this information is for general guidance only, since site conditions and labour are beyond our control.**

## Specification Summary

|                             |  |
|-----------------------------|--|
| Flammability                | Non-flammable                          |
| Application Temperature     | +5 to +30°C                            |
| Working Time                | 1 hour                                 |
| Joint Width                 | 3-12mm                                 |
| Compressive Strength        | >15MPa                                 |
| Flexural Strength           | >2.56MPa                               |
| Shrinkage                   | <3mm/m                                 |
| Pot Life                    | Approximately 60 minutes               |
| Drying Time                 | 12- 24 hours (dependent on conditions) |
| pH @ +20°C                  | 12-13                                  |
| Solubility in Water @ +20°C | >2g/L                                  |
| Commodity Code              | 3816000000                             |



## Product / Order Details

| Code   | Colour | Size | Barcode       | UFI                |
|--------|--------|------|---------------|--------------------|
| BDFTG3 | Grey   | 3Kg  | 5060021369543 | J830-30WP-F00G-J5G |



## Part of the Bond It Professional Tiling Range

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**Note:** The data presented in this leaflet is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



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