

MONOTILE GROUT



Cement-based tile joint filler grout

DESCRIPTION

Monotile grout is a polymer-modified, cement-based tile joint filler grouting material, which is highly suitable for filling the joints/gap of all types of tiles. It exhibits water-resistant properties, making it an ideal choice for various applications. Additionally, this versatile grout can be used for joints of ceramic, glazed, porcelain, vitrified, glass, mosaic, as well as natural and engineered stones

FEATURES AND ADVANTAGES

- . Easy to use & clean - just mix with water, ready to use
- . Polymer modified - crack-free, minimum shrinkage & water resistance.
- . Suitable for varied tile and stones – all ceramics, vitrified tiles, granites, etc.
- . Low VOC - for healthy living

AREAS OF APPLICATION

- . Floors and walls of internal and external areas, suitable for domestic and commercial applications, as well as wider tile joints.

METHOD OF USE

- . Ensure a 24-hour time interval for grouting after tile fixing
- . The joints must be dry, clean, free of dust, debris, paints & adhesive
- . Take water into a clean mixing pail
- . Add Monotile Grout and mix thoroughly by hand or with a slow-speed mixer (50-100 RPM)
- . Ensure achieving a uniform color & lump-free consistency
- . Allow the mix to stabilize for 2-5 minutes and then remix
- . Use the paste within 45-60 minutes from mixing
- . Ensure that the joint is filled completely, and the grout is not just sitting on top
- . After grouting, clean and polish tiles with a damp sponge or cloth
- . To remove hard stains, use starke Cleaner

APPLICATION INSTRUCTIONS

- . Ensure a 24-hour time interval for grouting after tile fixing
- . The joints must be dry, clean, and free of dust and adhesive
- . Emptied at least 2/3 of the tile thickness depth
- . Before grouting, ensure that the installation adhesive has set and released most of its moisture.
- . The joints should not be wet during work
- . Put masking tape beside the grouting space or use a sealer if necessary

MIXING

- . Take water into a clean mixing pail
- . Add Monotile grout and mix thoroughly by hand or with a slow-speed mixer (50-100 RPM)
- . Avoid entraining air by mixing at a very high speed or by over-mixing
- . Ensure that a uniform color and lumps-free consistency is achieved
- . Allow the mix to slake for 2-5 minutes and then remix
- . Use the paste within 45-60 minutes from mixing

APPLICATION

- . Using a hard rubber squeeze/grout float, press the grout firmly into the joints
- . Hold the float at a 90° angle and pull it at a 45° angle diagonally across the joints and tile to avoid pulling out the material
- . Work in small areas to have better control in removing excess grout from joints and the surface by moving the squeeze diagonally to the grout lines
- . Ensure that the joint is filled completely, and the grout is not just sitting on top

STANDARD COMPLIANCE/ SPECIFICATION

Monotile Grout complies with the requirements as specified in "BS EN 13888:2009 - Requirements, evaluation of conformity, classification, and designation of grouts for tiles", as well as "ISO 13007- Part 3: Terms, definitions, and specifications for grouts.

TECHNICAL DATA

PARAMETERS

Component Appearance

Tentative Mixing Ratio

(Monotile Grout : Water)

Mixed Density

Pot Life @ 27± 2° C

Joint Width

Application Temperature

Light Foot Traffic

Regular Traffic

Final Curing Time

RESULTS

Cementitious Coloured Powder

1 kg Mono tile Grout : 0.33-0.40 kg Water

(2.5–3 : 1 by weight)

1.40 – 1.80 kg/ltr

Min. 45 minutes

Up to 3 mm

10°C to 35°C

24 hours

7 Days

28 days

PERFORMANCE PROPERTIES AS PER EN 13888:2009/ ISO 13007

PARAMETERS

Compressive Strength (after 28 days)

Flexural Strength (after 28 days)

Linear Shrinkage (after 28 days)

Water absorption (after 30 minutes)

Water absorption (after 240 minutes)

RESULTS

15-20 N/mm²

3-5 N/mm²

< 0.5 mm/m

< 1 gm

< 2 gm

COVERAGE

$$C = M \times H \times T \times [(L + W) / (L \times W)]$$

C - Tile grout coverage (kg/m²)

M - Mixed Density

H - Thickness of tile (mm)

T - Width of joint (mm)

L - Length of tile (mm)

W - Width of tile (mm)

PACKAGING • 1 kg pack

BEST BEFORE

12 months for sealed pack when stored in dry and under cover, out of direct sunlight, dampproof condition and protect from extreme

HEALTH & SAFETY

- . Keep away from children
 - . Wear suitable protective clothing, gloves and eyes/-face protection
 - . After contact with skin, wash immediately with plenty of clean water
 - . In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice
- Limited to professional use only. For more details please refer the relevant material safety data sheet, available on request

More from starke construction chemicals A wide range of construction chemical products are manufactured by STARKE which include:

- > **Concrete admixtures.**
- > **Surface treatments**
- > **Grouts and anchors.**
- > **Concrete repair.**
- > **Flooring Coating**
- > **Sealants.**
- > **Waterproofing.**
- > **Adhesives.**



Starke Polymer Ltd

Plot 158, kampala uganda
Construction Chemicals

Tel + 256 709 704 421

Tel + 256 792 171 023

Email: info@starkepolymers.com
www.Starkepolymers.com

Important note :

Starke range products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Starke endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation, opinion or information given by it.