CONSTRUCTION CHEMICALS

Kemgrout Sanded

Fine-finish waterproof tile grout - chemical & acid resistant

Packaging

Mixing

Application

Uses

Substrates

Terracotta
Ceramic tile
Slate
Stone

Description

A fine-finish dense hard-wearing waterproof Portland cement, floor and wall grouting compound with resistance to mild chemical and acid attack for joints 2mm to 10mm wide.

Uses

A hard-wearing grout for interior, exterior and immersed floor and wall grouting applications. Formulated with additional chemical and acid resistance for the use on floors where cleaning chemicals are used, e.g. commercial kitchens.

Features

- Fine-sanded grout with a smooth finish
- Easy to use and clean
- Dense, hard-wearing
- Colour matches tiles, stone, slate.
- Resistance to mild chemicals and acids

Coverage (Approximate)

1-2kg/m^2

Performance Data

Compression Strength
(28 Day) (ASTM C109) 50MPa

Moisture absorption (ASTM C-413) 1%

Chemical resistance
Resistance to 10% alkali solutions, petroleum solvents and weak acids is good resistance to concentrated acids fair (minimise stains by immediate removal of spillages).

Specification

The grout shall be a chemical resistant waterproof tile grout with a minimum compression strength of 50MPa such as **Kemgrout Sanded** manufactured by **Construction Chemicals** and shall be applied in accordance with the manufacturer's application instructions.

A guide to tile joint sizes

Internal minimum 2mm, external minimum 4mm or as specified by the tile manufacturer and AS3958.1-2007. **Do not** fix tiles with tight joints. When grouting joints of less than 3mm we recommend mixing the grout with **Primebond**. Greater care is needed to place the grout deep into joints before pointing the joints to compact the grout surface.

Mixing

Mix grout to a thick, uniform, creamy consistency by adding powder to clean water – Ratio 4-5 litres of water to 20kg of powder. Do not over mix as shrinkage cracks may result. Allow to stand 5-10 minutes then restir before use. Formulated for joints 2mm to 10mm wide, for joints over 10mm add 20-30% clean, dry, washed sand.

Application

Grout tiles after the adhesive has had sufficient time to set – 24 hours for walls and 48 hours for floors. Dampen the tile joint with a sponge and apply the prepared grout, spreading 3m at a time, working well into the joints with a sponge, grouting tool. Point joints with the edge of a grouting tool to pack grout firmly into place. Remove surplus grout with a damp cloth or sponge. Do not allow the grout to harden on the face of the tiles. When a haze forms over the tiles, polish carefully with a dry cloth. Apply in temperatures between 10-30°C.

Swimming Pools

Kemgrout Sanded must be mixed with **Primebond** for immersed applications. Colours may bleach over time.

Improve grout performance

Mix grout with **Primebond** to improve impact, flexural strength and increase resistance to staining and discolouration.

Precaution

Colour shade variations can occur due to tile porosity variations, finishing techniques and site conditions. Cracking and colour variations can occur if excessive water is used in mixing or clean-up. Water must be uncontaminated / potable. Do not use **Kemgrout Sanded** in expansion/movement joints, use **Colour Seal**. Due to movement inherent in timber floors, mix **Kemgrout Sanded** with **Primebond**.

Safety Precautions

Non-toxic but contains cement which contains silica. Wear gloves and appropriate respirator. Further information for this product is contained in the Material Safety Data Sheet. Refer; www.constructionchemicals.com.au

Shelf Life 1 year

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The information contained in this technical publication is based on our current knowledge and experience and is provided as a guide only. In view of the many factors that may affect application it is the user's sole responsibility to ensure suitability for a specific purpose.