

Kemgrout Sanded

Packaging



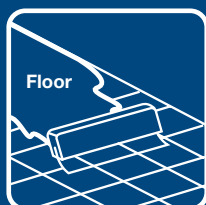
Mixing



Application



Uses



Substrates

Terracotta
Ceramic tile
Slate
Stone

Fine-finish waterproof tile grout - chemical & acid resistant

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
- Resistance to mild chemicals and acids

Coverage (Approximate)

1-2kg/m²

Refer to website grout calculator for other sizes.

Performance Data

Compression Strength

(28 Day) (ASTM C109) 35MPa

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 35MPa, such as **Kemgrout Sanded** manufactured by **Construction Chemicals** and shall be applied in accordance with the manufacturer's application instructions.

Preparation

Grout joint sizes should be a minimum of 2mm internally and a minimum of 4mm externally or as specified by the tile manufacturer and AS3958.1. **Do not** fix tiles with tight joints. When grouting joints of less than 3mm we recommend mixing the grout with **Primebond** (dilute **Primebond** 50:50 with water). Greater care is needed to place the grout deep into joints before pointing the joints to compact the grout surface. The adhesive must be completely set and the grout joint uniformly 70% clean of adhesive.

Mixing

Mix grout to a thick, uniform, creamy consistency by adding powder to clean water – Ratio 2-2.5 litres of water to 10kg of powder. Do not over mix as shrinkage cracks may result. Allow to stand 3-5 minutes then restir before use. Formulated for joints 2mm to 10mm wide, for joints over 10mm add 20-30% clean, dry, washed sand. Use the mixture within 20 minutes of preparation.

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 clean, 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.

Do not use acids in cleanup water.

Must be applied in accordance with all relevant **Construction Chemicals** technical information: www.constructionchemicals.com.au/tech-info/

Swimming Pools

Kemgrout Sanded must be mixed with **Primebond** (dilute **Primebond** 50:50 with water) for immersed applications. Colours may bleach over time. Cure for 7 days before use.

Improve grout performance

Mix grout with **Primebond** (dilute **Primebond** 50:50 with water) to improve impact, flexural strength and increase resistance to staining and discolouration.

Curing Time

Approximately 24 hours at 23°C and 50% relative humidity. Allow longer for dense tiles, lower temperatures or high relative humidity. Allow 7 days before use or sealing.

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 cleanup.** Grout discolouration or patchy grout can occur in low temperatures/ damp conditions if the adhesive bed is not fully cured, and when excessive mixing and cleanup water is used. Water must be uncontaminated/potable. Do not use **Kemgrout Sanded** in expansion/movement joints, use a silicone sealant. Prior to grouting, remove waxes and release agents from the tile surface to prevent grout discolouration. Swimming pools use **Kemgrout Sanded** mixed with **Primebond** (dilute **Primebond** 50:50 with water).

Safety Precautions

Non-toxic, but contains cement which contains silica. Wear gloves and appropriate respirator. Further information for this product is contained in the Safety Data Sheet. Refer; **Kemgrout Sanded - SDS**

Shelf Life

When stored in the original, unopened packaging, in a dry place at 23°C and 50% relative humidity, the product has a 12 month shelf life in paper bags and 18 months in plastic bags.