STRONG BOND CG2 SANDED GROUT

Polymer Based Cement Grout · Joint Width 4–12 mm

Polymer based, sanded cement grout for interior & exterior, floor & wall joints of width 4 mm – 12 mm.

ISO 13007-4 CG1 / EN 13888	ANSI A118.6 COMPLIANT	1 KG PACKETS 20 PER BOX	12 STANDARD COLOURS

FEATURES & BENEFITS

- Weather resistant
- Colour fast
- Easy application and clean up
- Easy maintenance
- Non-cracking & non-shrink
- Complies with ANSI A118.6, EN 13888 standards
- Water and shock resistant

SUBSTRATES

- Ceramic tile
- Vitrified tile
- Glass mosaic tiles
- Granite
- Marble
- Agglomerates (engineered stones)
- Precast terrazzo tiles
- Bricks

Application — Designed for interior and exterior floor and wall joints of all types of ceramic tile, vitreous, semi-vitreous tile, glass mosaic tiles, precast terrazzo, engineered stone floors and natural stones. Recommended for institutional and commercial general floor and wall areas. Can be mixed with water for filling joints of width 4 mm to 12 mm.

WORKING PROPERTIES — at 70°F (21°C)

Pot Life	Foot Traffic	Heavy Traffic
60 minutes	24 hours	72 hours

4.5–6.0	21–23	1350–1600	60 min
N/MM² FLEXURAL STRENGTH	N/MM² COMPRESSIVE	MM³ ABRASION	POT LIFE

ISO 13007-4 (CG1) / EN 13888 — PERFORMANCE DATA

Property / Test Method	Requirement	Typical Value
Abrasion Resistance (ISO 13007-4, Clause 4.4; EN 12808-2)	≤ 2000 mm³	**1350 – 1600 mm³**
Flexural Strength – standard conditions (ISO 13007-4, Clause 4.1.3; EN 12808-3)	≥ 2.5 N/mm²	**4.5 – 6.0 N/mm²**
Flexural Strength – freeze and thaw cycles (ISO 13007-4, Clause 4.1.5; EN 12808-3)	≥ 2.5 N/mm²	**3.5 – 4.5 N/mm²**
Compressive Strength	≥ 15 N/mm²	**21 – 23 N/mm²**

Applicable standards: STRONG BOND CG2 Series sanded grout, when mixed with water: ISO 13007-4 (CG1) / EN 13888. Specifications subject to change without notice.

PACKAGING, COLOUR & SHELF LIFE

Property	Details
Packaging	1 kg packets (20 packets per box)
Colour	Total 12 colours available — refer to the grout colour chart. Based on order, new colour shades can also be made; minimum order quantity 500 kg.
Coverage	Refer to the coverage chart, as it depends on the tile size, joint width and depth.
Shelf Life	1 year from date of manufacture, factory-sealed, if stored off the ground in a dry area. High humidity will reduce the shelf life of bagged product.

MIXING

Use approximately 1.75 litres of water for 10 kg of STRONG BOND CG2 powder. Place water in a clean mixing container and add the grout powder slowly. Mix by hand or with a slow speed mixer to a smooth, stiff consistency. Potable grade water should be used for mixing with grout powder for best results.

When water is used for mixing with grout powder, non-absorbent tiles will have a lesser demand for water. It is estimated in the range of 1.70 to 1.80 litres for 10 kg of grout powder.

SURFACE PREPARATION

Before starting to grout, remove debris in grout joints and lightly sponge the tile surface to remove dust and dirt. Do not clean tiles with acid cleaners. If acid cleaners were used to clean the tiles, wash the area with plenty of water to effectively remove acidic particle remains from the joints before commencing grouting. Substrate temperature must be between 60°F (16°C) and 90°F (32°C).

CLEANING

Primary cleaning — Remove excess grout from the face of the tiles with the edge of the grout float. 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.

Secondary cleaning — Remove remaining grout with a damp (not wet) sponge or a damp towel, working diagonally to the joints. Allow to dry. When the grout joints are firm, polish the surface with a coarse nylon pad or coarse cloth and minimal water.

IMPORTANT SITE CHECKS — NOTES TO THE SPECIFIERS

- Check the colour of the grout to confirm it meets the desired colour of the client.
- Do a small area with the actual tile/stone at site and check for any colour ingress into the tile/stone. Many tiles/stones have high absorption, which may lead to wet patches / discolouration / colour marks.
- Plan to provide proper movement joints and peripheral joints as per TCA detail to accommodate movements in tile/stone, and use flexible grout / sealant to fill these movement joints.