

STRONG BOND- CG1 UNSANDED GROUT



Polymer based, Un-sanded cement grout for interior & exterior, floor & wall joints of width 1mm – 3 mm

Applications

Designed for interior and exterior floor and wall joints of all types of ceramic tile, vitreous, semivitreous 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 and used for filling the joints of width 1mm to 3 mm

Features and benefits

- Weather resistant
 - Colour fast
- Easy application and clean up.
 - Easy maintenance
- Non-cracking & Non-shrink
- Water and shock resistant.

Substrates

Ceramic tile • Vitrified tile • Glass
Mosaic Tiles • Granite • Marble •
Agglomerates (Engineered Stones) •
Precast Terrazzo tiles • Bricks

TECHNICAL DATA

Applicable Standards: STRONG BOND CG1 Series unsanded grout, when mixed with water:

ISO 13007 – 4(CG1) / EN 13888

Packaging:

Packaging: 1 Kg Packets and (20 Packets Per box)

Colour:

Total 12 Colours Available, Please refer the grout colour chart for choosing the colour required.
Note: Based on Order We make New color shades also, Minimum Order Qty 500 Kgs

Coverage:

Please refer the coverage chart as it depends on the tile size, joint width and depth.

Working Properties at 70° F (21° C)

Working properties:

Pot life -60 minutes
Foot traffic -24 hours
Heavy traffic -72 hours

Property / Test Method	Requirement	Typical Values
Abrasion resistance: ISO 13007 – 4: Clause 4.4; EN 12808 - 2	$\leq 2000 \text{ mm}^3$	1300 – 1600 mm^3
Flexural strength under standard conditions: ISO 13007 – 4: Clause 4.1.3; EN 12808 - 3	$\geq 2.5 \text{ N / mm}^2$	3.3 – 3.7 N / mm^2
Flexural strength under freeze and thaw cycles: ISO 13007 – 4: Clause 4.1.5; EN 12808 - 3	$\geq 2.5 \text{ N / mm}^2$	3.1 – 3.4 N / mm^2
Compressive	$\geq 15 \text{ N / mm}^2$	17 – 22 N / mm^2

Important site Checks:**Notes to the specifiers:**

- It is recommended to check the colour of the grout, if it is meeting the desired colour of the client
- It is recommended to do a small area with 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 / discoloration / colour marks.
- Plan to provide proper movement joints, peripheral joints as per TCA, detail to accommodate movements in tile/stone and use flexible grout / sealant to fill these movement joints.
- When water is used for mixing with grout powder, non-absorbent tiles will have lesser demand of water to be mixed. It is estimated in the range of 3.30 Litres to 3.70

Litres for 10 Kg 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. In case acid cleaners were used to clean the tiles, ensure to 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).

Mixing:

Use approximately 3.75 liters of water for 10 kg of STRONG BOND CG1 powder. Place water in a clean mixing container and add grout powder slowly. Mix by hand or with a slow speed mixer to a smooth stiff consistency. Potable grade of Water should be used for mixing with grout powder for best results.

Cleaning:

Grout 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.

Grout Secondary Cleaning - Remove remaining grout with a damp sponge (not wet) or a damp towel. Work 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.

Shelf Life:

Factory sealed packs of this product are guaranteed to be of first quality for one and half (1.5) years and 9 months for bagged product* if stored off the ground in a dry area. *High humidity will reduce the shelf life of bagged product.

CUSTOMER CARE

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