

E.MIX Tile Grout

Cement-based grout for wall and floor (CG2WA)

E.MIX Tile Grout is a cement-based tile grout (CG2WA), ideal for grouting on walls and floors with a joint width of 2 to 10 mm in a wide range of colours. E.MIX Tile Grout contains recycled material and is a green-labelled product endorsed by the Singapore Green Building Council.



PRODUCT BENEFITS



SINGLE COMPONENT



ECO FRIENDLY



VARIOUS COLOURS

USES

E.MIX Tile Grout is water-resistant and highly versatile. It is used to fill joints between tiles and stones suitable for floors and walls in both exterior and interior applications. Ideal for commercial and residential uses including toilets, swimming pools, kitchens, and balconies.

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Refer to colour chart
Binder	Ordinary Portland Cement/GGBS
Filler	Graded Limestone Powder
Additives	Improve consistency, workability, and adhesion strength
Joint Width	1 – 10 mm
Density	Approx. 1.5 kg/litre (wet)
Water Demand	Approx. 26-30 % or 6.5-7.5 litres/25 kg bag
Pot Life	Approx. 1 hour
Shrinkage @ 28 days (BS EN 12808-4: 2009)	≤ 2 mm/m
Water Absorption (BS EN 12808-5: 2008)	≤ 2 g (After 30 min), ≤ 5 g (After 240 min)
Compressive Strength (BS EN 12808-3: 2008)	15 N/mm ² (minimum), 35 N/mm ² (maximum)
Flexural Strength @ 28 days (BS EN 12808-3: 2008)	≥ 3.5 N/mm ²
Abrasion Resistance (BS EN 12808-2 :2008)	≤ 2000 mm ³ (Tile Joint up to 4 mm) ≤ 1000 mm ³ (Tile Joint above 4mm)

E.MIX Tile Grout conforms to BS EN 13888: 2009 Specification CG 2 W A.

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

CONSUMPTION

Approx. 0.7 – 1.5 kg/m² depending on size and thickness of the tile, and width of the joint.

PRECAUTION

For light-coloured, unglazed, or dull-glazed tiles, use only white or grey tile grout to avoid staining. When in doubt, make a trial to check ease of cleaning before application.

SAINT-GOBAIN (SINGAPORE) PTE LTD

2 Venture Drive, #13-18 Vision Exchange, Singapore 608526

(65) 63308288 (65) 63308289 EIS.info@Saint-Gobain.com www.saint-gobain.sg

E.MIX Tile Grout

Cement-based grout for wall and floor (CG2WA)

PROCEDURE & APPLICATION



Substrate Preparation

Tile grouting can be done 1 to 3 days after tiling. All joints must be clean, sound, and free from any laitance, oil, grease, and any contaminants. Fixing mortar or adhesive should not rise over half the depth of the joints. Remove excess mortar or adhesive.



Mixing

Mix E.MIX Tile Grout with the required amount of clean water. Mix thoroughly with a mechanical mixer until the mixture is homogeneous. Allow the mix to stand for 3-5 minutes. Mix again, and the grout is ready for use. To ensure colour uniformity, especially when using dark colours, the tiles should be grouted as dry as possible.



Application

A rubber trowel or a cellular rubber-coated float can be used for applying the grout. The grout is applied diagonally over the tiles and pressed firmly into the joints until filled. Remove excess grout from the tiles.



The grout should be allowed to dry for 15 to 30 minutes depending on the temperature and humidity. A damp sponge is then used to clean the tile surface. Use as little water as possible for cleaning the joints and the tiles. To make cleaning easier, moisten unglazed tiles with a damp sponge before grouting. The tile surface is left to dry before final wiping with a dry cloth. While wiping and polishing, do not rub the joints too vigorously. In dry conditions, curing may be necessary.

To further enhance the bond strength, water-resistance, and durability of E.MIX Tile Grout, E.MIX Bond Admix may be added to the product in replacement of water.

CLEANING

Clean the tools and equipment with water immediately after use.

STORAGE & PACKING

E.MIX Tile Grout is available in 25 kg bags.

Shelf life of 12 months if unopened and kept in sheltered and dry conditions.

HEALTH & SAFETY

E.MIX Tile Grout contains cement, which may produce an allergic effect. Material may irritate eyes and skin. In case of contact with eyes, rinse immediately with plenty of water, and seek medical assistance. After contact with skin, wash immediately with plenty of soap and water. Please keep out of reach of children.

*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Apr'24)



SAINT-GOBAIN (SINGAPORE) PTE LTD

2 Venture Drive, #13-18 Vision Exchange, Singapore 608526

 (65) 63308288  (65) 63308289  EIS.info@Saint-Gobain.com  www.saint-gobain.sg

