



Tile Grout

Cementitious joint filler

Product composition: Tile Grout is a ready mixed flexible cement based powder. The product contains additives which improve water resistance and workability. It has been specially formulated to provide low shrinkage.

USP

Features	Benefits
Usability	Ready to use, only water to be added
Low shrinkage	Suitable for wide grouting up to 8 mm
Cohesiveness	Non-sagging, easily applied to vertical surfaces
Workability	Sufficiently workable to spread and smooth
Adhesion	Excellent adhesion
Good water resistance	Can be used indoors and outdoors

Usage area

Tile Grout is a flexible multipurpose tile grout suitable for use in the following:
For indoor and outdoor use. For internal and external walls and floor. Suitable for any kind of joints in between the tiles. Application up to joint width of 8 mm.

DIRECTIONS FOR USE

Floor tiling

Surface Preparation

The surface to be grouted should be clean and sound, free from all kinds of dirt. Old surfaces must be free from any kind of laitance, grease, oils, wax, polish etc. | Allow tile adhesive a minimum of 24 hours to be cured before grouting | It is recommended to moisten tile joints before applying the grout so as to assist the flow of the grout into the joints and to reduce shrinkage of the grout at the tile-grout interface for unsealed tiles (water absorption). Do not moisten joints if a ready mix tile adhesive was used to place the tiles | Do not grout over expansion or movement joints | It is advisable that quarry/porous non-glazed tiles are sealed prior to grouting in order to prevent any staining.

Mixing

Take 0.3 ltrs clean water in a pot (Powder : Water = approx. 3:1 by volume), gradually start adding 1kg Tile Grout powder under continuous stirring to a homogeneous, lump free, soft and smooth paste-like consistency, mix for 3-5 minutes. A trowel or a slow speed drill of 100-250 rpm should be used for mixing. | Allow it to flatten for 5 minutes. Remix before use | Hand mixing with trowel is recommended for small quantities only | Mix a quantity as can be used within 25-30 minutes.

Application

Apply Tile Joint Grout to the surface to be grouted and work the grout into the joints with a rubber sponge trowel or rubber grout squeeze. Cover an area of approx. 0.9 m² at a time | Ensure joints are completely filled in a compact way | Excess grout should be removed as much as possible in this stage without hampering the compactness of the application | The grouted joints must be left to dry and harden for around 2 hours before removing excess grout with a damp (not wet) sponge. Do not leave any excess moisture on the surface of the grouted joints which may cause efflorescence on drying | Allow the joints to be dried for 24 hours before polishing with a clean dry cloth | For exterior applications, ensure that the application is protected from direct sunlight; rain etc. for an initial 24 hours.

Mixing Ratio: Tile Grout : Water = Approx. 3:1 (by vol.)

Usage Precautions

Not suitable for joint widths wider than 8 mm.

Not suitable for wall joint widths less than 2 mm & floor joint widths less than 3 mm.

Always add powder to water and not water to powder.

Do not use more water than specified.

Do not grout over expansion & movement joints.

The possibility for efflorescence in cement-based product is innate and should not be considered as a manufacturing defect.

TECHNICAL DATA

Properties	Results
Appearance	White powder
Open Time @ 30°C	Around 30 minutes
Initial Set @ 30°C	Approx. 2 hours
Final Set @ 30°C	Around 8 hours

Coverage

Grout Coverage is dependent on the size of the tile, the width of joint and thickness of the tile.

$$\text{Approximate coverage} = \frac{(L + B) \times W \times D \times 1.7}{(L \times B)} \text{ kg/m}^2$$

Where, L = length of tile (mm); B = breadth of tile (mm); W = width of joint (mm)

D = thickness of the tile (mm)

e.g. For (300 x 300 x 8 mm) with 5 mm wide joint,

$$\text{Coverage} = \frac{(300 + 300) \times 5 \times 8 \times 1.7}{(300 \times 300)} 0.45 \text{ kg/m}^2$$

PRODUCT INFORMATION

Shelf Life	Best before 12 months from the date of manufacturing in unopened condition.
Storage	Store in cool and dry place.

Packs	1 kg
Health and Safety Precautions	While using Tile Grout use rubber hand gloves, dust mask and safety goggles.