

TECHNICAL DATA SHEET

VITRIFIX®

Cement Grout Joint Filler

December 01, 2022



DISCRIPTION

Cement Grout Tile Joint Filler a superior quality grout. It consists of a carefully prepared blend of cement, chemical additives, and fillers. It is easy to install where you just need to mix it with Grout Admix or water and use. It is ideal for both floors and wall applications. This grout is suitable for joints between 1 mm to 3 mm.

White cement based, high polymer modified, high strength cement based grout that helps in achieving hard dense grouts that are resistant to cracking and shrinkage. It is suitable to fill joints on wall and floor which have 1-3 mm width in both interior and exterior applications. Substrates could be all kinds of vitrified and ceramic tiles, glass mosaic tiles, stones, marble, granite, bricks, terrazzo.

PROPERTIES (TECHNICAL DATA)

ISO / EN Data

Abrasion resistance: ISO 13007 –
4: Clause 4.4; EN 12808 - 2 : 1450 – 1700 mm³

Flexural strength under standard
conditions: ISO 13007 – 4: Clause
4.1.3; EN 12808 – 3 : 3.6 – 3.9 N / mm²

Flexural strength under freeze and
thaw cycles: ISO 13007 – 4: Clause
4.1.5; EN 12808 - 3 : 3.6 – 3.9 N / mm²

Compressive Strength under standard
conditions: ISO 13007 – 4 : 21 – 22 N / mm²

Compressive Strength under freeze
& thaw cycles: ISO 13007 – 4: Clause
4.1.5; EN 12808 – 4 : 20 – 22 N / mm²

Shrinkage: ISO 13007 – 4: Clause
4.3 : EN 12808 – 4 : 1.9 – 2.3 mm / m

Water Absorption after 30 Minutes
: ISO 13007 – 4: Clause 4.2; EN
12808 – 5 : 2.5 – 3.0 g

Water Absorption after 240 Minutes
: ISO 13007 – 4: Clause 4.2; EN
12808 – 5 : 4.0 – 8.0 g

APPLICATION INSTRUCTIONS

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 between 60°F (16°C) and 90°F (32°C). Dampen tile surface with water. Spread with a sharp, firm rubber grout float. Work the grout paste into the joints until completely filled. Use diagonal strokes to pack the joints. Ensure that joint is filled and grout is not just sitting on top (i.e. “bridging the joint”) Note: For fuller flush joints sprinkle a thin layer of dry grout powder over surface immediately after grouting. When grout darkens over joint, buff with burlap, carpet remnant or cotton rag to pack joint and clean face of tile.

AREA OF APPLICATION

Walls, Floors, Interiors, Dry areas,
Wet areas, Showers

BACKGROUND / BASES: vitrified
and ceramic tiles, glass mosaic tiles, stones,
marble, granite, bricks, terrazzo

NOTE: Do not use the shower for at
least 2 weeks following the completion of
grouting. Do not fill pool for at least 3 weeks
following completion of grouting.

MIXING

Place approximately 3.75 liters 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

STORAGE AND SHELF LIFE

Best before 12 months from manufacturing date
in dry unopened bag.

COVERAGE ESTIMATES

Depends on tile size, joint width and depth.

HEALTH AND SAFETY

Direct contact with the adhesive can irritate the eyes and may irritate the skin; additionally, overexposure to the product's vapor may irritate the eyes, nose, and throat. You must avoid all eye and skin contact and ensure the workspace has adequate ventilation during use. If eye contact occurs, immediately flush the eyes with water for 5 minutes and seek medical attention. In the event of skin contact, promptly wipe the material from the skin and flush the area with water. As a standard precaution.

PRECAUTIONS: Keep out of reach of children. Wear suitable protective clothing, gloves and eyes/face protection. After contact with skin, wash immediately with plenty of clean water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice.

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. Note: Use caution when polishing soft glazed tiles or polished stone.

DISCLAIMER

All statements, technical information and recommendations set forth herein are based on tests which we, believes to be reliable. However, we does not guarantee their accuracy or completeness. We cannot assume responsibility for the results obtained by others over those methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In no case will we be liable for direct, consequential economic or other damages.



Name of excellence a brand of trust.

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SITE WORK INSTRUCTIONS SURFACE CONSIDERATIONS

☐ 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, EJ 171 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 Liters to 3.70 Liters for 10 Kg grout powder

PACKAGING

It is a factory proportioned kit with Available in 1kg Pouch.

ADVANTAGES

Easy to use, Self-curing, Ready to use,

Ultimate bond

Water resistant

Easy to clean

Chemical & bacterial resistant

Enhance look of walls & floors

Easy to apply-smooth & creamy

Available in range of colors