



Masonry Grout Filler

Cementitious masonry grout (Premixed)

Uses

- On cement-based masonry blocks / units, behind marble and cement panels, and on tiles or slabs, etc.
- Application behind gypsum boards.

Product Description

Masonry Grout Filler is a fine grout (as defined by the American Concrete Institute (ACI) that's composed of Portland cement, natural sand, selected fine aggregates, and special additives. The product contains admixtures (following ASTM C 476, C207, C260) that allow it to meet the fine grout category (which makes it an ideal grout for masonry blocks, masonry units, and cores, as well as a filler behind marble slabs).

Masonry Grout Filler is supplied as a dry powder in pre-weighed bags that are ready to use on-site (this only requires adding clean water to produce a pourable grout).

Advantages

- Factory controlled pre-blend ensures consistently high quality.
- Requires only the addition of water on-site at the time of use.
- Suitable for the MENA region's harsh weather conditions.
- Easy application with a uniform workflow (this enables high productivity and superior finishing).
- Strong adhesion.
- Good mechanical resistance.
- Excellent workability.

Standards Compliance

- ASTM C150, Type I
- ASTM C207
- ASTM C260
- ASTM C404
- ASTM C476

Technical Data

Masonry Grout Filler	Typical Values @ 25°C
Appearance	Grey Powder
Aggregate Size, max (mm)	2.4
Bulk Density (kg/liter)	1.55 Approx.
Wet Density (kg/liter)	1.85 Approx.
Pot Life (Minutes)	30 - 45
Compressive Strength @ 28 day (ASTM C109) (MPa)	> 14
Flexural Strength @ 28 day (ASTM C348) (MPa)	> 5
Yield (liter/ton)	570 Approx.
Capillary Water Absorption EN 1015-18	14
Slump (ASTM C143) (mm)	260
Slump Flow (ASTM C1611) (mm)	680

The MSJC (Masonry Standard Joint Committee) considered the standard ASTM C476 in designing the mix, while ensuring following:

- Grout slump defines the fluidity and consistency of the mix at 8" - 11".
- Grout compressive strength is related to the unit masonry strength f'm (must exceed f'm but must not less than 2,000 psi).

Usage Instructions

Surface Preparation

The surface should be sound, clean, and free from loose material, grease, laitance, dust, etc.

Mixing

To prepare a Masonry Grout mixture, pour 6.5 - 8 liters of water (for each 50 kg bag) into a container. Add the powder to the water slowly while mixing with a low-speed electric drill fitted with a suitable paddle for 2 minutes. Then increase the speed to medium - high and mix for 2 - 3 more minutes (until a uniform, pourable, and lump-free consistency is achieved). The total mixing time should be around 4 - 5 minutes. Do not add water to the mixture once it begins to harden.

Application

Pour the mixed material into the gap between masonry blocks, cement panels, or behind marble or gypsum board (within the open time of 30 - 45 minutes). (Make sure there's no air trapped between the gaps while pouring the grout).

For high-lift grouting, the mixed material should be pumped or poured from a height to ensure the desired grout flow and for the material to spread smoothly within the gaps).

We recommend using a mechanical grout pump for masonry grout placement as it will fill the gap efficiently and help the grout pumping process in high rise structures.

Cleaning

Clean tools and equipment with water immediately after use. Remove hardened material mechanically.

Packaging & Coverage

Product	Pack Size	Yield
Masonry Grout Filler	50 kg Bag	28.5 Ltr. (wet)/(50 kg) bag powder

Stated consumption data are for general guidance. Actual consumption depends on the nature of the substrate, method of application, and wastage.

Legal Disclaimer

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Shelf Life & Storage

The original sealed bag of Masonry Grout Filler has a shelf life of 12 months, provided it's stored clear off the ground, in a dry and shaded place, and at a temperature between 5 and 35°C.

Health & Safety

Masonry Grout Filler is highly alkaline; therefore, avoid it coming in direct contact with your eyes or skin. It is recommended to use protective gloves and goggles during the application process. Any skin contact should be washed with soap and water. In case of eye irritation, immediately wash with a copious amount of clean cold water and seek medical attention.

Masonry Grout Filler is non-flammable.

For more information, refer to the material safety data sheet.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications.

For further information on these products and systems kindly check our website or contact your local Saveto representative.