



Masonry Grout Filler

Premixed cementitious masonry grout

Uses

- Apply Masonry Grout Filler on cement-based masonry blocks, masonry units, behind marble and cement panels, tiles or slabs, etc.
- Masonry Grout Filler is suitable for the application behind gypsum boards.

Product Description

Masonry Grout Filler is a fine grout category defined by American Concrete Institute (ACI), and is composed of portland cement, natural sand, selected fine aggregates, and special additives. The Masonry Grout Filler contains admixtures following ASTM C 476, C207, C260 to meet the fine grout category. Masonry Grout Filler is supplied as a dry powder in pre-weighed bags ready to use on-site, which requires only the addition of clean water to produce pourable grout. Masonry Grout Filler is ideal for grouting masonry blocks, masonry units, cores, and a filler behind marble slabs.

Advantages

- Factory controlled pre-blend ensures consistently high quality.
- Requires only the addition of water on-site at the time of usage.
- Suitable for ME harsh weather conditions.
- Easy application with uniform work flow enables high productivity & superior finishing.
- Strong adhesion.
- Good mechanical resistance.
- Excellent workability.

Standards Compliance

- ASTM C476, C207
- ASTM C404, C260
- ASTM C150 Type 1

Technical Data

Masonry Grout Filler	Typical Values @ 25°C
Appearance	Grey Powder
Aggregate size, max	2.4 mm
Bulk density (Kg/Liter)	1.55 approx.
Wet density (Kg/Liter)	1.85 approx.
Air Content	< 18%
Open time @25°C	30-45 min
Compressive strength @ 28 day (ASTM C109)	32 MPa
Flexural Strength @ 28 day (ASTM C348)	7.5 MPa
Yield (Ltr/Ton)	540 approx.

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 (8" - 11").
- Grout compressive strength is related to the unit masonry strength f'_m (must exceed f'_m but must not less be than 2,000 psi).

Usage Instructions

Substrate Preparation

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

Mixing

For the preparation of masonry grout mixture, pour into a container 6.5 - 8 liters of water for each 50 Kg bag of Masonry Grout Filler.

Slowly add the powder to the water while mixing with an electric drill fitted with a suitable paddle for 2 minutes. Then continue mixing at medium-high speed for another 2-3 minutes until achieving a uniform, lump-free pourable consistency mix. The total mixing time is 4-5 minutes approx.

Please do not add water to the mix once it starts to stiffen.

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 min.

Avoid air entrapment between the gaps while pouring the grout material.

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

We recommend using a mechanical grout pump for masonry grout placement as it will give more efficient filling and help in grout pumping in high rise structures.

Cleaning

Clean all tools immediately after finishing by water. Clean hardened materials mechanically.

Packaging & Coverage

Product	Pack Size	Yield
Masonry Grout Filler	50 Kg Bag	28.8 Lit wet/ (50kg) bag powder

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

Shelf Life & Storage

The original sealed bag of Masonry Grout Filler has a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place, at temperatures between 5°C - 35°C.

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Hard copies of TDSs are printed once or twice a year. Our technical data sheets are continuously updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

Health & Safety

Masonry Grout Filler is highly alkaline; therefore, avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during application. Any skin contact should be wash with soap & water. In case of eye irritation, immediately wash with a copious amount of clean cold water. Seek medical advice.

Masonry Grout Filler is non-flammable.

For further information, please refer to the material safety data sheet.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications divided into the following product groups:

- Waterproofing Systems.
- Concrete Repairs & Grouts.
- Flooring Systems.
- Wall & Facade Systems.
- Sealants and Joints.
- Renders & Finishes.
- Plasters & Masonry.
- Tiling Systems
- Primers & Ancillary Products.
- Thermal Insulation Systems.
- Protective Coatings.
- Accessories.

Saveto also provides various technical information such as CAD details, detailed method statements, specification clauses, application manuals, product selectors and technical support both in contractors and consultants offices as well as construction sites.

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