

TECHNICAL DATA

PRODUCT DATA SHEET

Product Name:
BLUEMAX Joint Filler

MANUFACTURER:
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DESCRIPTION

Bluemax Joint Filler is a premium-grade, pre blended; polymer modified unsanded Portland-cement tile grout that requires only the addition of water for mixing. It will grout joints from 1/16" to 1/8" (1.5 to 3 mm)

FEATURES AND BENEFITS

- For interior/exterior floors and walls

Characteristics

- It offers excellent color uniformity
- Durability and stain protection
- Water and weather resistant
- Very easy to apply
- Full finish of crack free joint
- Interior and exterior multi-purpose tile adhesive.
- Excellent working characteristics: coverage, open-time, pot life.
- Easy to use and handle.
- Single component; just add water.
- Waterproof grout.

Recommended Use

For grouting interior/exterior residential and commercial floor and wall surfaces in dry or wet conditions

For grouting dimensional stone, slate, granite, stone agglomerates and most types of ceramic, ceramic mosaic, quarry, brick paver, porcelain, glass and clay tiles

For joint widths from 1/16" to 1/8" (1.5 to 3 mm)

For application in submerged conditions (swimming pools, spas, water features and fountains), once fully cured (after 21 days).



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Technical Specification

TECHNICAL DATA compliant with Bluemax Joint Filler (Grout) quality standard	
Appearance	Powder
Composition	Cement, mineral charges, hydrophobic agent, synthetic organic polymers, pigments
Color	Different colors, Refer to Bluemax color chart
Density	1600kg/m ²
Mixing water for use a slurry key	230ml-300ml to 1kg bag
Open Time	30 minutes
Adjustability	45 minutes
Foot Traffic	24 hours
Interval Before Normal Use	14 days
Voc	<1 g/L (USEPA 24)
Application Temperature	4°C to +40°C



Calculate Consumption	
L: length of tile (in mm) W: width of tile (in mm) A: Thickness of tile (in mm) B: width of joint (in mm)	$\frac{(L + W)}{(L \times W)} \times A \times B \times 1.6 = \frac{\text{kg}}{\text{m}^2}$

LIMITATIONS

- Do not install over substrates containing asbestos.
- Do not use to grout joints greater than 1/8" (3 mm) wide.
- Do not use when a highly chemical-, impact- and stain-resistant grout is required or in heavy industrial tile installations.

SURFACE PREPARATION

- Certain tiles with high absorption, surface porosity or rough surfaces may require sealing before grouting to prevent permanent staining.
- The application of a grout release over certain types of porcelain or textured surface tiles or stone may be advantageous where a fine surface porosity might trap fine cement particles or color pigments.
- Seek the advice of the tile or stone manufacturer and site-test (mock up) on separate samples before grouting
- Caution: Some types of glazed ceramic tiles, marble, granite and marble agglomerates can be permanently stained, scratched, dulled or damaged when grouted with pigmented grout or sanded grout formulas. Generally, white grout is best suited for grouting white or light-colored marble or granite. Take all the necessary precautions to ensure that the marble, granite or tiles are compatible with colored grouts. Check the tile or marble manufacturer's literature and test grout on a separate



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sample area before grouting to determine the suitability of the product with colored and/or sanded grouts.

- Before grouting, make sure the tiles or stones are firmly set and the adhesive or mortar is completely dry.
- Remove all spacers, pegs, ropes and strings.
- Grout joints must be clean and free of standing water, dust, dirt and foreign matter. Remove excess adhesive or mortar from the joint area so that 2/3 of the depth of the tile is left available for grouting.
- Clean the tile or stone surface thoroughly to remove dust, dirt and other contaminants that may cause grout discoloration.

MIXING

Choose all appropriate safety equipment before use. Refer to the Safety Data Sheet for details.

- For best results, have the same person mix all of the grout. Consistent mixing techniques will promote more uniform results.
- Before mixing the grout with water, dry-blend the product so that the finished grout does not show color variations, which may arise due to pigment settling during shipment. If two or more bags are to be used, dry-blend all of the contents together.
- Mix Bluemax Joint Filler with cool, clean water only or a Bluemax SBR additive.
- Pour the required amount of clean, cool water into a clean mixing container. Gradually add the proportionate amount of Bluemax Joint Filler while slowly mixing. To avoid shade variation in the finished grout joints, always add the powder to the water while being consistent in the mixing process and with the quantity of water used from batch to batch.
- Mix thoroughly with a low-speed mixer for about 3 to 5 minutes, or until obtaining a smooth, creamy, homogenous paste consistency and a uniform shading of the colored grout.
- Avoid prolonged mixing, which could trap air and shorten the pot life.
- Allow the grout to sit in the container for about 5 minutes.
- Remix for about 1 to 2 minutes without adding more liquid or powder.
- Wash hands and mixing tools with water immediately after mixing.



PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

- Using consistent application and cleaning procedures will produce consistent results.
- To aid in spreading the grout, slightly moisten the tile or stone surface with a damp sponge just before application. Do not flood the tiles or allow water to stand in the ungrouted joint areas.
- Force Bluemax Joint Filler into the joints with a rubber grout float. Make sure all joints are well compacted and free of voids and gaps.
- Remove excess grout from the tile surface, moving the grout float diagonally to the joints while the Bluemax Joint Filler is still fresh.
- The grout surface should be flush with the tile edge.
- Some stiffening may occur before all material is used (usually within about 1 hour at room temperature). If this occurs, simply remix but do not add any liquid.
- Allow the Bluemax Joint Filler to firm up in the joints sufficiently to avoid damaging the grout surface, usually in 15 to 30 minutes depending upon the temperature, humidity and absorption rate of the tile or stone.
- Use two buckets of cleaning water: one for rinsing the majority of the grout residue from the grout sponge, and one for moistening the sponge in clean water.



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- Dip the sponge in a bucket of water and wring out the excess, so that the sponge does not drip water. Using very little pressure, pull the sponge diagonally across the grout joints to remove the excess grout from the tile surface. Also use the sponge to smooth the surface of the grout joint. Turn the sponge over and make another pass in an adjacent area. After using both sides, rinse the sponge in one bucket and wring out the excess water. Dip the sponge in the second bucket of water, wringing out the excess and continuing the process.
- Change the water in the buckets frequently to help limit the amount of haze that forms on the tile or stone surface.
- To prevent efflorescence, discoloration and soft/ powdery joints, avoid cleaning with excessive water.
- To control color variations and minimize efflorescence, buff the grouted surface with cheesecloth or a clean, dry cotton cloth when a haze is visible on the tile surface, usually one to two hours after grouting. This should remove any remaining surface water or grout residue.
- Clean hands and tools with clean, soapy water while the grout is fresh.
- Never use acid for cleaning marble, glazed tile or pigmented grout surfaces.
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Shelf Life

12 months after manufacturing date in original and non-open packaging , under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

Packing

Bluemax Joint Filler (Grout) available in 20 kg bags (1 Kg * 20 packets) with different Colors.

Safety Measures

The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area; Protective clothing such as gloves and goggles should be worn when handling the product. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidental swallowed, do not induce vomiting, but call for medical assistance immediately. Ensure that the container is available for medical attendant to examine any relevant instructions and content details.



CLEANING

Clean the tools with water after use. Cured materials can only be removed mechanically.

Disclaimer

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact our company address.

Note

All information is given in good faith on the results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since we don't have any control on site conditions and its uses.

