

ALPHA

HIGH PERFORMANCE GROUT

PROFIX
TILE AND STONE INSTALLATION SYSTEMS



ALPHA is a fast-setting, high-performance, polymer-reinforced sanded grout. This formula, exclusive to PROFIX, is a highly resistant grout which is ideal for most installations. This efflorescence-free grout provides clear colour as well as water and stain resistance that is superior to traditional grout. ALPHA can be used for joints from 1/16" to 1" (1.6 mm to 2.5 cm) wide. It is designed for grouting ceramic tile, porcelain, slate, granite, sandstone or clay tile, paving bricks and stones of various shapes or agglomerated stone. It meets and exceeds ANSI A118.7.

CHARACTERISTICS

- Efflorescence-free
- Polymer-reinforced
- Easy to spread and clean
- Can be used indoors or outdoors
- Provides water and stain resistance that is superior to traditional grout
- Homogeneous colours
- High compression strength
- Available in 30 colours
- Fast setting

SIZES

- Available in boxes of 4.5 kg (10 lbs) - 4 per case
- Available in bags of 11.33 kg (25 lbs) - 90 per pallet

RECOMMENDED USES

- For grouting indoor and outdoor floors and walls in residential and commercial areas.
- For grouting ceramic tile, porcelain, slate, granite, sandstone or clay tile, paving bricks and stones of various shapes or agglomerated stone.
- For joints from 1/16" to 1" (1.5 mm to 2.5 cm) wide.
- For installations that will be fully immersed after 72 hrs (pools, spas, fountains).

RESTRICTIONS

- Do not use where chemical resistance is necessary. Instead, use POLY 800 PRECISION epoxy grout.
 - Do not use on substrates containing asbestos.
 - Wait at least 72 hours before fully immersing in water (pools, spas, fountains).
- Please contact PROFIX technical service for issues related to installations in conditions not addressed by this datasheet.

PREPARATION

- Before starting, make sure that the tiles can be grouted with a sanded grout. Certain vitrified tiles require the use of an unsanded POLY 600 grout. Highly porous natural stone (slate, marble, sandstone, etc.) must be sealed before grouting.
- The temperature should be maintained between 10°C and 33°C (50°F and 100°F) to complete the installation.
- Take all necessary steps to ensure that marble, granite or ceramic tiles are compatible with the chosen grout colours. Some of these tiles require white grout.
- Various external factors can affect grout colour including joint width, as well as the quality and quantity of water used in the mixture. Also, cleaning methods, temperature, or humidity can affect the grout. Since these factors are beyond the control of PROFIX, colour consistency cannot be guaranteed.
- Ensure that the installation of the tiles was done appropriately and that the mortar is completely dry before installing grout (refer to the datasheet of the mortar used to install the tiles).
- Ensure the tiles and tile joints are free of dirt, dust, and debris before grouting. The joints must be free of mortar 2/3 of their depth for a proper grout installation.

MIXTURE

Before beginning, it is recommended to mix the powder in order to ensure the product's consistency. The many colour pigments contained in grout are fine particles that can settle out during transport.

For consistent results, ensure that the same one person mixes the grout at all times.

RATIO :

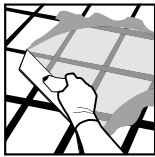
- Approximately 800 ml (27 fl oz) to 900 ml (30.4 fl oz) of water for 4.5 kg (10 lbs)
- Approximately 2 L (68 fl oz) to 2.2 L (74 fl oz) of water for 11.3 kg (25 lbs)

RATIO : Powder / water: 3,5 for 1

- In a clean container, pour the water and add the powder gradually. Always pour the powder into the liquid and not the opposite.
- Mix slowly and thoroughly to obtain a thick and creamy consistency. Let stand 2-3 minutes and mix again (a mixer can be used at 300 rpm).
- If the mixture becomes more difficult to work with after some time, stir it again without adding water. To avoid remixing your grout several times, which reduces pot life, it is better to mix smaller quantities at a time.
- Do not mix too long or at high speed to avoid air entrapment in the mixture (air also reduces pot life).
- Wash hands and tools after mixing.

APPLICATION

The surface should be free of water, dirt, dust and debris. The joints must be emptied to 2/3 of their depth.

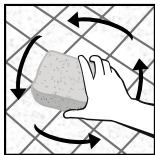


Completely fill the tile joints with grout in a motion that is diagonal to the joints, while keeping the float at an angle of 45° with the surface. Remove any excess grout in a motion that is diagonal to the joints, while keeping the float at a 90° angle with the surface.

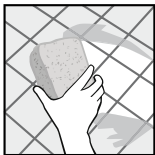
Wait 10 to 30 minutes before cleaning.



Dip the sponge in cold water and wring it well. Use as little water as possible when cleaning grout from the tile surface. Excess water will discolour grout joints.



With a slight pressure, using a circular motion, shape the grout lines with the sponge.



In a diagonal motion, wipe the surface with the sponge. Use the other side of the sponge for the same area with the same movement. Repeat steps 9 to 12 on the entire surface.

NOTES

- It is important to use consistent cleaning methods in order to ensure the grout's uniformity.
- Do not rub excessively (the joints could be emptied and the grout discoloured).
- Clean the tools with water while the product is fresh.
- It is possible that the grout harden during your installation in the bucket. Simply mix again. Never add more water.
- If grout residue is still present on your tile 24 hours after installation, use a damp cloth. If you are having trouble cleaning after 24 hours, use POLYKLEEN CRETE to remove grout residue (see specifications of POLYKLEEN CRETE before use).

PROTECTION

- Store the product in a cool, dry place before use.
- Avoid any traffic for the first 3 hours. Light traffic is allowed after 3 hours. All traffic is allowed after 24 hours.
- Avoid washing the floor or wall with water for the next 72 hours.
- Avoid shock on the walls for 14 days after installation.

MAINTENANCE

- Before performing regular cleaning of the floor, the grout should be fully cured.
- Do not use strong cleaners to clean the tile surface.
- For additional protection, you can seal your ALPHA grout with an AQUAPEARL or MICROXPEL sealer 14 days after installation.
- Your porous tile can also be sealed with MICROXPEL. Please check with your retailer.

STANDARDS ANSI A118.7

TEST TYPE	RESULTS	ANSI SPECIFICATIONS
Linear shrinkage	0.11% (28 days)	Less than 0.20% (28 days)
Water absorption	Less than 5%	Less than 5 %
Compression strength	1 day 2200 psi min.	1 day 500 psi min.
	28 days 5000 psi min.	28 days 3000 psi min.
Traction resistance	28 days 525 psi min.	28 days 500 psi min.
Flex resistance	28 days 1000 psi min.	28 days 1000 psi min.

TECHNICAL DATA

SHELF LIFE AND OTHER TECHNICAL SPECIFICATIONS: AT 23°C (73°F) AND 50% RELATIVE HUMIDITY

Product pot life	60 minutes
VOC levels	0 g/L
Shelf life*	1 year

*COOL, DRY PLACE

COVERAGE CHART ((IN FT²))

For 11.3 kg (25 lbs)

Tiles dimension	Joint Width			
	1/16"	1/8"	1/4"	3/8"
3/4" x 3/4" x 1/4"	80	44	27	21
1" x 1" x 3/8"	69	38	22	16
4" x 4" x 3/8"	259	133	69	47
6" x 6" x 1/4"	575	289	151	104
8" x 8" x 3/8"	512	259	133	90
7" x 24" x 3/8"	685	345	174	121
10" x 13" x 3/8"	713	358	184	124
10" x 20" x 1/2"	633	316	161	109
12" x 12" x 3/8"	753	380	196	132
16" x 16" x 3/8"	1006	512	259	173
12" x 24" x 3/8"	1006	512	259	150
20" x 20" x 3/8"	1254	639	322	216
20" x 20" x 1/2"	949	477	242	161

LEED



Leadership in Energy & Environmental Design (LEED) is a rating system for green buildings that designs, operates, compares and certifies sustainable buildings around the planet. The Canada Green Building Council certifies projects based on total points obtained following physical audits of buildings as well as the examination of documents submitted by the design and construction team.

INDOOR ENVIRONMENTAL QUALITY:

Credit IEQc3.2 Option 3 - Indoor Air Quality

Credit IEQc4.1 - Low-Emitting Materials – Adhesives and Sealants

Credit IEQc4.3 - Low-Emitting Materials - Flooring Systems

MATERIALS AND RESOURCES:

MRc5.1 credit - 10% Extracted, harvested, and manufactured regionally

MRc5.2 credit - 20% Extracted, harvested, and manufactured regionally

MRc4.1 credit - 7.5% Recycled Content

MRc4.2 credit - 15% Recycled Content

Refer to the PROFIX website for letters of certification.

PRECAUTIONS



This product contains cement and silica, which can irritate the skin and eyes. Avoid prolonged contact with skin. In case of contact with eyes, flush with water.

HEALTH AND SAFETY

Refer to the MSDS on the website for safe handling procedures.

TECHNICAL SUPPORT

For questions, please contact PROFIX customer service toll free at: 1-800-463-6850 or info@profixsystems.com.

PROFIX is a registered trademark.

LA MARGNA INC.

412, Saint-Sacrement, Québec (Québec) G1N 3Y3 CANADA

T (418) 688-8286

F (418) 688-2070

www.profixsystems.com

LEXICON

POT LIFE

Time limit during which the product may be mixed in the pail and remain usable. After this time, the product will be much harder to use and start to dry, making the work and the product much less effective.

INITIAL SET

Minimum time to wait before allowing light traffic (e.g. the weight of a person). Before this specified time, avoid all traffic.

FINAL SET

Minimum time to wait before allowing heavy traffic on a recently installed surface.

LIABILITY

Before using, the user shall determine the suitability of this product for its intended use and the user alone shall assume all risks and liabilities in connection therewith. La Margna Inc. shall not accept any liability for any damage, loss or prejudice resulting from the direct or indirect use of our product in non-compliance to our specifications. • Dec, 2015