

Betonit

Tile Grout

PRODUCT INFORMATION

Product Description

Betonit Tile Grout is a polymer modified unsanded tile joint filler consisting of cement, pigments, additives, and fine sand to be used in conjunction with Betonit Tile Adhesive. Use for filling the joints between laid ceramic tile, mosaic, porcelain, marble and granite.

ADVANTAGES

- Interior or exterior
- Uniform Color
- Non-Fading
- Crack-Free
- Available in 23 colors
- Abrasion-Resistant
- Reduced Water Absorption
- Mold and Mildew Resistant
- Easy to mix and Apply

PRODUCT INFO

Package Size	2 kg bags
Water Demand	0.30 li/kg
Potlife	1 hour
Shelf Life	1 year, dry condition

Installation:

SITE CONDITONS & PREPARATION

- All tiles must be firmly set and mortar completely dry before grouting (approximately 24 hours after tile installation). Remove all spacers, excess adhesive, loose dust and dirt particles from the open joints.
- Install and cure grout in accordance with ANSI 108.10

MIXING

- Mix the grout in any non-absorbent mixing container such as plastic or steel sheet. Add and mix with enough water to a lump free, creamy consistency. Let the paste stand for 10-15 minutes then mix again.
- Mix the grout in any non-absorbent mixing container such as plastic or steel sheet. Add and mix with enough water to the desired paste. Let the paste stand for 10-15 minutes then mix again.
- Slightly wet the joints of the tiles before spreading the grout. Spread the grout across the tile joints using a rubberized tool. Apply enough pressure to fill the joints uniformly. After 5 minutes drying, when grout residue begins to form a haze, wipe off the excess grout with a slightly wet sponge or cloth until the tiles are clean.
- The mixed tile grout can be used within 1 hour. Allow the grout to cure for at least one day before using the newly tiled area.
- Allow the grout to cure for at least one day before using the newly tiled area.

CLEANING

- Do not use harsh chemicals such as muriatic acid, since they may damage the tile or weaken and erode the grout.
- Remove excess mortar on tools and tile surface while mortar is still fresh, using clean water.

Maintenance:

Betonit Tile Grout requires routine cleaning. Do not use harsh chemicals such as muriatic acid, since they can weaken and erode the grout.

Exceeds Requirements set by the
AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

Technical Data (Test / Test Method)	Results
Water Absorption, 50% RH to Immersion ANSI 118.6-1999; H-4.4	<18%
Water Absorption, Immersion to Dry ANSI 118.6-1999; H-4.4	<20%
Compressive Strength, 28 day cure ANSI 118.6-1999; H-4.5	>3000 psi
Tensile Strength, 7 day cure ANSI 118.6-1999; H-4.6	>250 psi
Tensile Strength, 28 day cure ANSI 118.6-1999; H-4.6	>350 psi
Flexural Strength, 7 day cure ANSI 118.6-1999; H-4.6	>400 psi

Actual Field Performance will depend on installation methods and site conditions

AVAILABLE IN 23 TILE-COMPLIMENTING COLORS!

Charcoal	Pink
Dark Gray	Peach
Light Gray	Beige
White *	Cream
Brown	Yellow
Ocher	Maize
Tan	Mustard
Maroon	Sea Green
Brick Red	Forest Green
Clay Red	Spring Green
Old Rose	Powder Blue
	Azul

* Prima White also available.

Note: Actual Grout Colors may vary from those shown here

Coverage: Approximate m ² per 2 kg bag			
Tile Size	Joint Width		
	1.5mm	3 mm	6 mm
4 1/4" x 4 1/4"	7	4	1.5
8" x 8"	11	5	2
12" x 12"	16	8	3
15" x 15"	21	12	4



PRODUCT INFORMATION

Tile Grout (Sanded)

Product Description

A premium sanded cement grout especially formulated from a blend of high-grade Portland cement, aggregates, polymers and pigments. The polymers incorporated into the mixture increase the water resistance and bonding strength providing a stronger and more durable grout.

- ✓ Uniform Color
- ✓ Non-Fading
- ✓ Crack-Free
- ✓ Easy to Mix and Apply
- ✓ Abrasion-Resistant
- ✓ Increased Water Resistance
- ✓ Strong bonding characteristic
- ✓ Mold and Mildew Resistant

Where to Use:

Betonit Sanded Tile Grout is used for filling the joints between laid ceramic tiles, marbles and granites with tile spaces greater than 1/4 inch.

The coarse aggregates used in the grout mixture increases strength and reduces cracking which tends to form when plain cement or unsanded grout is used to fill wide tile spaces.

Technical Data:

Betonit Sanded Tile Grout has lower water absorption and higher compressive and tensile strength compared to unsanded tile grout.

Test/Test Method	Results*
Water Absorption, 50% RH to Immersion ANSI 118.6-1999; H-4.4	<10%
Water Absorption, Immersion to Dry ANSI 118.6-1999; H-4.4	<12%
Compressive Strength, 28 day cure ANSI 118.6-1999; H-4.5	>3500 psi
Tensile Strength, 7 day cure ANSI 118.6-1999; H-4.6	>325 psi
Tensile Strength, 28 day cure ANSI 118.6-1999; H-4.6	>350 psi
Flexural Strength, 7 day cure ANSI 118.6-1999; H-4.6	>350 psi

**Based on in-house test results*

Actual Field Performance will depend on installation methods and site conditions

Product Data:

Package Size	2 kg bags
Water Demand	0.30 li/kg
Workable Time	1 hour

Usage Instructions:

1. Apply the grout at least one (1) day after the tiles have been installed.
2. Mix the grout in any non-absorbent mixing container such as plastic or steel sheet. Add and mix with enough water to the desired paste. Let the paste stand for 10-15 minutes then mix again.
3. Slightly wet the joints of the tiles before spreading the grout. Spread the grout across the tile joints using a rubberized tool. Apply enough pressure to fill the joints uniformly. After 5 minutes drying, when grout residue begins to form a haze, wipe off the excess grout with a slightly wet sponge or cloth until the tiles are clean.
4. The mixed tile grout can be used within 1 hour. Allow the grout to cure for at least one day before using the newly tiled area.

Maintenance:

Betonit Sanded Tile Grout requires routine cleaning. Do not use harsh chemicals such as muriatic acid, since they can weaken and erode the grout.

Color Chart

Charcoal	Peach
Dark Gray	Beige
Light Gray	Cream
Prima White	Yellow
White	Maize
Brown	Mustard
Tan	Sea Green
Maroon	Forest Green
Brick Red	Spring Green
Clay Red	Powder Blue
Old Rose	Azul
Pink	

Note: Actual Grout Colors may vary from those shown here

Coverage: Approximate m² per 2 kg bag

Tile Size	Joint Width		
	9 mm	12 mm	18 mm
12" x 12"	1.8	1.3	0.9
15" x 15"	2.2	1.6	1.1
18" x 18"	2.6	2.0	1.3

Actual coverage may vary depending on the width, length and thickness of the tiles used.