



Setting the standards

Betont

BetonitTM

Betonit's range of tile installation products are known for being synonymous to quality. Betonit Products strictly maintains its product formulation that conforms to the requirements set by the American National Standards Institute (ANSI) to meet and satisfy the rigid standards of its global and local clientele. Certification by a credible and reputable third-party testing institute attests to the consistent quality and superior performance of Betonit products sold in the market. While there is a proliferation of low-quality low-priced tile adhesive and tile grout in the market today, Betonit is for those who understand value for their money.

SMART TILING

Choose the adhesive for your application



Clean substrate to be free of dust and contaminants

Mix tile adhesive in a non-absorbent container



Add Pluscrete for extra heavy-duty requirements

Spread tile adhesive using a notched trowel and lay tiles



Apply
Tile Grout
after 24 hours



Apply
grout sealer
after 24 hours

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applications

advantages

- Low water absorption
- Potentially mild and mildew
- Abrasion resistant
- Easy to mix and apply
- Long-term performance

How to use

[illegible]

PERFORMANCE PROPERTIES

[illegible]

TILE JOINT FILLER

fill the gaps with quality grout



applications

- The study to use were based on:
 - Insects, air and microorganisms in food.
 - They also be used to test plaster, cement, masonry, concrete and other porous masonry surfaces.

advantages

- Protects natural bacterial order of gut
 - Creates an acidic environment that helps protect the gut from pathogenic bacteria or viruses, or ingested liquid pathogens
 - Protects against illness and growth
- FAST AND EASY TO USE FOR FISH**
- Can be added to the present water, feed, or tank from working in the cage, making handling quick and easy
- PROTECT SMALLER FISH**
- Protects against skin causing illness
- USE TO PREPARE**
- Can be applied 2 hours after prepping
 - Can be applied 1 hour before surgery

SAFETY: The PFA 100 is designed to be used only by trained personnel. Make sure to follow the safety guidelines in the PFA 100 User Manual and always wear eye protection.



IMPORTANT NOTE: Make sure that the surface is fully cured, clean and dry prior to applying product. A wet application is necessary on surfaces to be treated, or some compatibility and adhesion issues.

HOW IT WORKS:

- 21.5% it could be sufficient to equal water at levels for "THERM" effect.
- WATTS says
of the surface
of the ground



COVERAGE FOR TILED SURFACES: 12.5 sqm of grouted area
COVERAGE FOR MASONRY SURFACES: 2.5 sqm (at 10 sqm/L per coat)



POLYMER-MODIFIED
CEMENT MIX

Betonit Tile Adhesive is a polymer-modified mixture of portland cement and graded fine sand. It is used for INTERIOR or EXTERIOR fixing or laying of tiles using the thin-set method. Conforms to ANSI 118.1: American National Standard Institute (Specifications for Installation of Ceramic Tiles)

applications

- Joint with ceramic tiles, granite, marble and decorative wall claddings.
- Joint with floors with a substructure of concrete or tiles, ceramic tiles, and ceramic floor construction.

advantages

- High-strength adhesive for greater tensile & bonding strength.
- Thin-set method application of at least 3 mm thick.
- 2000 psi of 28-day compressive strength.
- 100% non-sag, non-slump, non-drip, non-run, and non-drip.
- 24-hour open time for easy working.
- 24-hour open time for easy working.
- 24-hour open time for easy working.



APPROXIMATE COVERAGE: 4 - 5 sqm / 25kg bag
*Depending on type of the substrate and method of application

How to use:

1. Surface Preparation: The surface to be tiled must be clean, dry, and free from dust, oil, and grease. It must be roughened by sandblasting or acid etching.
2. Mix the adhesive: Mix the adhesive with clean water in a bucket or mixer. The mixture should be thick enough to hold a 10mm trowel.
3. Lay the adhesive: Lay the adhesive on the surface with a trowel. The thickness should be 3-5mm.
4. Lay the tiles: Lay the tiles on the adhesive. Press them firmly into the adhesive.
5. Grout: Grout the joints between the tiles.

1. To use: Mix the adhesive with clean water in a bucket or mixer. The mixture should be thick enough to hold a 10mm trowel.
2. Lay the adhesive: Lay the adhesive on the surface with a trowel. The thickness should be 3-5mm.
3. Lay the tiles: Lay the tiles on the adhesive. Press them firmly into the adhesive.
4. Grout: Grout the joints between the tiles.

Why high-quality tile adhesives work:

Produce a tile installation that lasts for years.

TECHNICAL DATA (Per Method)	RESULTS
Shear Bond, Porcelain Tile, 28 day cure	ANSI 118.1-1999: F-6 >200 psi
Shear Bond, Porcelain Tile, Water Immersion	ANSI 118.1-1999: F-6 >150 psi
Shear Bond, Glazed Wall Tile, 2 day cure	ANSI 118.1-1999: F-6 >100 psi
Shear Bond, Glazed Wall Tile, Water Immersion	ANSI 118.1-1999: F-6 >70 psi
Compressive Strength, 28 day cure	ANSI 118.1-1999: F-6 >2500 psi
Sag on Vertical Surface	ANSI 118.1-1999: F-6 <2mm



POLYMER-FORTIFIED
HEAVY DUTY
TILE & STONE INSTALLATION

Betonit PREMIER Tile Adhesive is a polymer-modified mixture of portland cement and graded fine sand. It is used for INTERIOR or EXTERIOR fixing of tiles and lightweight stones using the thin-set method. Conforms to ANSI 118.4: American National Standard Institute (Specifications for Installation of Ceramic Tiles)

applications

- Joint with ceramic, porcelain, marble, granite and dimension stone using the thin-set method.
- Joint with floors with a substructure of concrete or tiles, ceramic tiles, and ceramic floor construction.

advantages

- Single-component, polymer-modified tile adhesive for easy dry filling joints.
- Excellent adhesion to all substrates.
- 24-hour open time for easy working.
- 24-hour open time for easy working.
- 24-hour open time for easy working.



APPROXIMATE COVERAGE: 5 - 6 sqm / 25kg bag
*Depending on type of the substrate and method of application

How to use:

1. Surface Preparation: The surface to be tiled must be clean, dry, and free from dust, oil, and grease. It must be roughened by sandblasting or acid etching.
2. Mix the adhesive: Mix the adhesive with clean water in a bucket or mixer. The mixture should be thick enough to hold a 10mm trowel.
3. Lay the adhesive: Lay the adhesive on the surface with a trowel. The thickness should be 3-5mm.
4. Lay the tiles: Lay the tiles on the adhesive. Press them firmly into the adhesive.
5. Grout: Grout the joints between the tiles.

1. To use: Mix the adhesive with clean water in a bucket or mixer. The mixture should be thick enough to hold a 10mm trowel.
2. Lay the adhesive: Lay the adhesive on the surface with a trowel. The thickness should be 3-5mm.
3. Lay the tiles: Lay the tiles on the adhesive. Press them firmly into the adhesive.
4. Grout: Grout the joints between the tiles.

PERFORMANCE PROPERTIES

TECHNICAL DATA (Per Method)	RESULTS
Shear Bond, Porcelain Tile, 28 day cure	ANSI 118.4-1999: F-6 >200 psi
Shear Bond, Porcelain Tile, Water Immersion	ANSI 118.4-1999: F-6 >150 psi
Shear Bond, Glazed Wall Tile, 2 day cure	ANSI 118.4-1999: F-6 >100 psi
Shear Bond, Glazed Wall Tile, Water Immersion	ANSI 118.4-1999: F-6 >70 psi
Compressive Strength, 28 day cure	ANSI 118.4-1999: F-6 >2500 psi
Sag on Vertical Surface	ANSI 118.4-1999: F-6 <2mm



GRANITE & MARBLE
ADHESIVE

Betonit White is a polymer-modified mixture of white portland cement and graded sand. It is used for INTERIOR or EXTERIOR fixing of tiles and lightweight stones using the thin-set method. Conforms to ANSI 118.4: American National Standard Institute (Specifications for Installation of Ceramic Tiles)

applications

- White adhesive for light-colored granite, marble and dimension stone.
- Joint with floors with a substructure of concrete or tiles, ceramic tiles, and ceramic floor construction.

advantages

- 24-hour open time for easy working.
- 24-hour open time for easy working.
- 24-hour open time for easy working.
- 24-hour open time for easy working.
- 24-hour open time for easy working.



APPROXIMATE COVERAGE: 5 - 6 sqm / 25kg bag
*Depending on type of the substrate and method of application

How to use:

1. Surface Preparation: The surface to be tiled must be clean, dry, and free from dust, oil, and grease. It must be roughened by sandblasting or acid etching.
2. Mix the adhesive: Mix the adhesive with clean water in a bucket or mixer. The mixture should be thick enough to hold a 10mm trowel.
3. Lay the adhesive: Lay the adhesive on the surface with a trowel. The thickness should be 3-5mm.
4. Lay the tiles: Lay the tiles on the adhesive. Press them firmly into the adhesive.
5. Grout: Grout the joints between the tiles.

1. To use: Mix the adhesive with clean water in a bucket or mixer. The mixture should be thick enough to hold a 10mm trowel.
2. Lay the adhesive: Lay the adhesive on the surface with a trowel. The thickness should be 3-5mm.
3. Lay the tiles: Lay the tiles on the adhesive. Press them firmly into the adhesive.
4. Grout: Grout the joints between the tiles.

PERFORMANCE PROPERTIES

TECHNICAL DATA (Per Method)	RESULTS
Shear Bond, Porcelain Tile, 28 day cure	ANSI 118.4-1999: F-6 >200 psi
Shear Bond, Porcelain Tile, Water Immersion	ANSI 118.4-1999: F-6 >150 psi
Sag on Vertical Surface (passed)	ANSI 118.4-1999: F-6 <2mm



ALL-PURPOSE
ADDITION

Betonit PLUSCRETE is a cement modifier made of premium quality acrylic emulsion for use in place of water with thin-set tile adhesives, cement renders and other cement mixes. It improves the natural properties of cement to make it more workable, more water resistant with increased bonding strength.

applications

- Thin-set tile adhesive.
- Cement renders and other cement mixes.
- Cement mortars for floor and wall construction.
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- Cement mortars for floor and wall construction.

advantages

- High-strength adhesive for greater tensile & bonding strength.
- Thin-set method application of at least 3 mm thick.
- 2000 psi of 28-day compressive strength.
- 100% non-sag, non-slump, non-drip, non-run, and non-drip.
- 24-hour open time for easy working.
- 24-hour open time for easy working.
- 24-hour open time for easy working.



How to use:

1. Surface Preparation: The surface to be tiled must be clean, dry, and free from dust, oil, and grease. It must be roughened by sandblasting or acid etching.
2. Mix the adhesive: Mix the adhesive with clean water in a bucket or mixer. The mixture should be thick enough to hold a 10mm trowel.
3. Lay the adhesive: Lay the adhesive on the surface with a trowel. The thickness should be 3-5mm.
4. Lay the tiles: Lay the tiles on the adhesive. Press them firmly into the adhesive.
5. Grout: Grout the joints between the tiles.

1. To use: Mix the adhesive with clean water in a bucket or mixer. The mixture should be thick enough to hold a 10mm trowel.
2. Lay the adhesive: Lay the adhesive on the surface with a trowel. The thickness should be 3-5mm.
3. Lay the tiles: Lay the tiles on the adhesive. Press them firmly into the adhesive.
4. Grout: Grout the joints between the tiles.

PERFORMANCE PROPERTIES

TECHNICAL DATA (Per Method)	RESULTS
Shear Bond, Glazed Wall Tile, 2 day cure	ANSI 118.4-1999: F-5 >100 psi
Shear Bond, Glazed Wall Tile, 7 day cure	ANSI 118.4-1999: F-5 >300 psi
Shear Bond, Glazed Wall Tile, Water Immersion	ANSI 118.4-1999: F-5 >200 psi
Sag on Vertical Surface	ANSI 118.4-1999: F-6 <2mm

for excellent bonding and repair