

BetonitTM

Setting the Standards



Plastering Made Easy

Betonit EzyPLAST is a high quality acrylic solution intended as concrete admixture designed for interior and exterior use. It is suitable as a Plastering Aid as well as a Bonding Aid.

Applications

PLASTERING AID

Mix with plaster mortar to improve adhesion, tensile, flexural and compressive strengths, and improve elasticity of fresh plaster coat.

BONDING AID

Mix with portland cement to form a bonding slurry coat between old concrete and fresh plaster or skim coat. Also suitable for patching and repair works.

Advantages

PLASTERING AID

- Reduces cracking and shrinkage of plaster coat
- Controls water loss in mortar for proper curing
- Increases bonding of plaster coat to masonry wall
- Increases the abrasion resistance of concrete
- Reduces brittleness of concrete.

BONDING AID

- Improves bonding of new to old concrete
- Eliminates the need for concrete surface roughening or scarifying work.



Betonit™

Ezyplast

ACRYLIC LATEX ADMIXTURE
& BONDING AGENT

How to use:

SURFACE PREPARATION:

- All concrete surfaces must be properly cured before plastering or screeding work commences. Uneven or cracked areas must be properly repaired and exposed bars appropriately cleaned and primed.
- Clean concrete surfaces thoroughly by removing all loosely adhering particles, dirt, oils, paints and other contaminants.
- DAMPEN THE SUBSTRATE BEFORE APPLYING THE PLASTER OR THE BONDING SLURRY.

PLASTERING AID

Mix Betonit EzyPlast with water in a clean container. Use guidelines on mixing ratios.

REGULAR STRENGTH



HEAVY DUTY



OR



+



Add solution to cement and sand to desired consistency.

PLASTERING ON MORTAR APPLICATION MUST BE CARRIED OUT WHILE THE BONDING SLURRY IS TACKY.

BONDING AID

Mix equal parts of Betonit EzyPlast and Portland cement until a creamy slurry is attained. Using a notched trowel or stiff brush, apply a 1-2 mm thin coat of slurry prior to applying thick bed plaster of mortar.



APPLY THICK BED PLASTER OR MORTAR WHILE SLURRY IS STILL TACKY, USUALLY WITHIN 20 MINUTES.

Coverage: one (1) gallon will cover approx. 20 sqm

PRODUCT PACKAGE SIZE: 4 Liter Bottles
POTLIFE: 1 hour

USE PROTECTIVE WEAR



SHAKE WELL BEFORE USING



MINIMUM SETTING TIME



STORE IN COOL DRY PLACE



SHELF LIFE



It all starts with good plastering.

Your Standard for Quality

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.

Applications

- Use with ceramic tiles, granite, marble and decorative wall claddings.
- Use over floors, walls or substrate made of concrete renders or blocks, existing well-bonded tiled surface and granolithic cement boards.

Advantages

EFFECTIVE

- Prevents tile-bond failure and tile cracks.
- Highly adhesive with greater tensile & bonding strength.

LESS MATERIAL NEEDED

- Thin-bed method application of at least 3 mm thick.

SPEEDS UP WORK

- Gives the mason an **open time of 20 mins** to spread tile adhesive over a larger area (1 sqm.) before tiling.
- Can correct joint alignment and tile pattern **within 10 mins of laying tiles** without affecting bonding strength.
- Unlike ordinary cement which becomes crumbly after a few minutes sitting time, BTA remains a sticky paste for 3 hours without remixing.

IMPROVED WORKABILITY

- Good flow and smooth consistency of the product provides ease in troweling and tooling, resulting in cleaner more efficient work.



Betonit™

Tile Adhesive

POLYMER-MODIFIED
CEMENT MIX

How to use:

SURFACE PREPARATION:

- The concrete backing or substrate must be fully cured, structurally sound, clean and free from dirt, oils or waxy films, loose materials, concrete sealers, curing compounds and other chemicals.
- Dampen the substrate before laying tiles when installing at over 35°C.
- For application over existing ceramic or marble tiles, use Betonit Plus as replacement for water. No need to acid etch or abrade surface.

- In a non-absorbent mixing container (e.g. plastic, steel or iron sheet) mix Betonit Tile Adhesive with enough water to the desired paste.



- Let the mortar stand for 15 minutes then mix again to allow chemicals to react completely with the cement and water.
- Lay the Betonit mortar with a thickness of 3mm or more depending on the surface finish and type of tile used.
- Wipe off excess mortar with a wet cloth until clean.

IMPORTANT NOTES:

- 1 bag of BTA can cover 4-6 sqm.
- Apply Betonit Tile Grout at least one (1) day after tile installation
- KEEP FOOT TRAFFIC OFF for at least 24 hours.

Freshly-laid tiles are aligned by light taps from top



✓ Betonit Tile Adhesive ensures tiles have full-contact to wall or flooring

✗ Non-lacky adhesives leave air pockets after alignment, leading to cracked and dismantled tiles



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

TECHNICAL DATA (Test Method)	RESULTS
Shear Bond, Glazed Wall Tile, 28 day cure	ANSI 118.1-1999, C-5 >200 psi
Shear Bond, Glazed Wall Tile, Water Immersion	ANSI 118.1-1999, C-5 >150psi
Shear Bond, Porcelain Tile, 28 day cure	ANSI 118.1-1999, C-5 >150psi
Shear Bond, Porcelain Tile, Water Immersion	ANSI 118.1-1999, C-5 >100psi
Compressive Strength, 28 day cure	ANSI 118.4-1999, F-6.1(modified) 2000 psi
Sag on Vertical Surface (passed)	ANSI 118.1-1999, C-4.6 <2mm

Actual performance will depend on installation methods and site conditions.

USE PROTECTIVE WEAR



MINIMUM SETTING TIME



SHELF LIFE in DRY CONDITIONS



PRODUCT PACKAGE SIZE:

25kg bags

2 Followed by efficient tiling.

Fill the Gaps with Quality Grout

Betonit Tile Grout is a high-quality unsanded tile joint filler consisting of cement, pigments, additives and fine sand.

Applications

Use Betonit Tile Grout for filling joints between laid ceramic tiles, marble and granite. Best when used in conjunction with Betonit Tile Adhesives.

Advantages

- LOW WATER ABSORPTION
- PREVENTS MOLD AND MILDEW
- ABRASION RESISTANT
- EASY TO MIX AND APPLY
- UNIFORM & NON-FADING COLORS

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

TECHNICAL DATA (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-4.4	> 400 psi

Actual performance will depend on installation methods and site conditions.

APPROXIMATE COVERAGE PER BAG (m²)

TILE SIZE	Joint Width:	1.5mm	3mm	6mm
4.25" x 4.25"	7.5mm	4	4	1.5
8" x 8"		11	5	2
12" x 12"		16	8	3
15" x 15"		21	12	4

Betonit™

Tile Grout

TILE JOINT FILLER

How to use:

SURFACE PREPARATION: Area to be grouted must be allowed to set for one (1) day prior to grouting. Substrate must be fully cured, structurally sound, clean and free from dirt, oils or waxy films, loose materials, concrete sealers, curing compounds and other chemicals.

- 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 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.
- For joint gaps greater than 6mm (1/4th inch), use Betonit Sanded Tile Grout.

Available in 23 colors!

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

NOTE: Actual grout colors may vary from shown above

MAINTENANCE

Betonit Tile Grout requires routine cleaning. Avoid using harsh chemicals such as muriatic acid since they can weaken and erode the grout.

PRODUCT PACKAGE SIZE:
2kg bags

MINIMUM
SETTING TIME

24hrs

SHELF LIFE IN
DRY CONDITIONS

1yr
unopened

3 Matched with clean grouting.



Penetrates and Protects

Betonit Grout Sealer is a water-based penetrating sealer for cementitious tile grout. Improve the appearance of your floors while reducing cleaning time and costs.

Applications

This ready-to-use, water-based formula penetrates, bonds with and protects POROUS TILE GROUT.

It may also be used to seal plaster, cement mortar, concrete and other porous masonry surfaces.

Advantages

BETTER-LOOKING FLOORS AND WALLS

- Preserves natural look and color of grout
- Creates an invisible shield that helps protect tile and grout from getting dirty or stained by resisting liquid penetration
- Protects against mildew growth on treated surfaces

FASTER AND EASIER ROUTINE CLEANING

- Invisible shield helps prevent water-based stains from soaking into the grout, making mopping quick and easy.

FRESHER SMELLING FLOORS

- Protects against odor-causing mildew on treated surfaces.

EASY TO APPLY

- Can be applied 12 hours after grouting.



How to use:

SURFACE PREPARATION: Tile grout or masonry surface must be (1) **FULLY-CURED** and (2) **CLEAN**. Make sure it is free from standing water, surface dirt, dust, loose materials, oils and other chemicals.

- Apply Grout Sealer at least 12 hours after grouting.

- Apply using a bristle brush, preferably just a little wider than the grout line for maximum coverage. Repeat application until the liquid sealer is not easily absorbed by the grout.



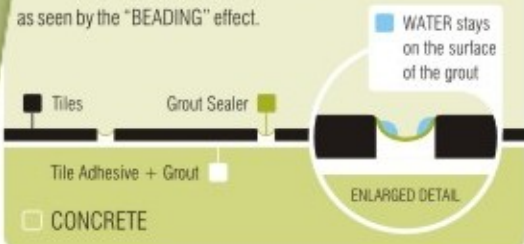
- Allow 24 hours curing time before exposure to water or foot traffic for maximum sealing performance.

IMPORTANT NOTES:

- Make sure that the surface is fully cured, clean and dry prior to applying protector. A test application is necessary on surface to be treated to ensure compatibility and the desired results.
- Grout Sealer Liquid is OPAQUE WHITE. This will not affect the color of the grout. Freshly applied grout sealer may exhibit paling of colors, however, when grout sealer has fully cured, grout will return to its full natural color.
- If efflorescence like material appears after sealing, don't worry, this is only a water mark and can easily be wiped off.

HOW IT WORKS:

- 1 Sealer lines the pores of the surface without filling or blocking it, to prevent liquid absorption while allowing grout material to "breathe" (water vapor permeable).
- 2 Also, it coats the surface to repel water, as seen by the "BEADING" effect.



PRODUCT PACKAGE SIZE: 250mL Bottles
COVERAGE for tiled surfaces: 12.5 sqm of grouted area
COVERAGE for masonry surface: 2.5 sqm (at 10sqm/L per coat)

SHELF LIFE



MINIMUM SETTING TIME



USE PROTECTIVE WEAR



4 Finished off by effective sealing.

For Excellent Bonding and Repair

Betonit PLUS is a cement modifier made of premium quality acrylic emulsion for use in place of water with thin-set tile adhesives, tile grouts, 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

HEAVY DUTY TILING

An additive to tile adhesive for tile installations on existing floors and other non-concrete substrates. Also for laying tile-on-tile, heavy bricks, granites, marbles, and natural stones.

PLASTER MORTAR ADDITIVE

An additive to cement mortar for use as patching mortar, industrial topping, bonding aid for new to old concrete, and other miscellaneous masonry finish.

Advantages

HIGH BOND STRENGTH

- Enhances the bond of the tile adhesive, tile grout, or plaster mortar to substrate.

SPEEDS UP WORK

- Eliminates the need for time-consuming and messy acid-etching or mechanical abrading of glossy, non-porous surfaces.

EASY MAINTENANCE

- Increases durability with improved abrasion resistance
- Improves water resistance
- Reduces shrinkage and cracking



BetonitTM

Plus⁺

ALL-PURPOSE
CEMENT MODIFIER

How to use:

SURFACE PREPARATION: The concrete backing or substrate must be fully-cured, structurally sound, clean and free from dirt, loose materials, oils and other chemicals.

HEAVY DUTY TILE ADHESIVE

Pour 4 liters of Betonit Plus into a pail with 4 liters of clean water.

Use this as direct replacement for the water requirement for tile adhesive. Add approximately 25kgs tile adhesive and mix to workable consistency.

Let stand for 10 minutes then remix. Use within 3 hours.

1:1 mix



25kg (tile adhesive)

PLASTER MORTAR

For Bonding Slurry

Dilute 1/1 with water. Mix with cement until a creamy slurry is obtained. With a brush, apply 1-2mm thin slurry over the surface to be applied. Apply the plaster mortar while the slurry is still tacky.

For Plastering

Dilute 1/2 with water. Use this as direct replacement for the water requirement to achieve a semi-dry consistency.

1:1 mix



1:2 mix



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

TECHNICAL DATA (Test 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	> 200psi
Sag on Vertical Surface ANSI 118.4-1999; F-4.6	passed

Actual performance will depend on installation methods and site conditions.

PRODUCT PACKAGE SIZE: 4 Liter Bottles

USE PROTECTIVE WEAR



SHAKE WELL BEFORE USING



MINIMUM SETTING TIME



STORE IN COOL DRY PLACE



SHELF LIFE



ADD FOR HEAVY-DUTY APPLICATIONS

The Perfect Partner for Light-colored Granite and Marble

Betonit White is a polymer-modified mixture of white portland cement and graded sand.

Applications

- White adhesive for pale or light-colored granite, marble, and glass mosaic.
- Interior/exterior walls and floors.
- For THIN to MEDIUM-BED applications up to 3/4".

Advantages

- One-step application, just mix with water
- Excellent non-sag for vertical applications
- Good flow and smooth consistency for easy trowelling.

BONDING LIGHT-COLORED GRANITE OR MARBLE

Exterior and interior light can pass through these types of tiles. Once installed, these light-colored or translucent tiles will show shadows or ghosting from regular dark-colored bonding materials. Betonit WHITE provides all the advantages of a premium tile adhesive, with significant advantages on installation time and labor cost over the traditional use of white cement.

MOISTURE STAINING: granite and marble tiles may show some darkening due to the absorption of moisture/water from the setting materials or maintenance. This moisture darkening is caused by the pores within the granite and marble holding water and will remain temporarily until the water evaporates.



How to use:

SURFACE PREPARATION:

- The concrete backing or substrate must be fully cured, structurally sound, clean and free from dirt, oils or waxy films, loose materials, concrete sealers, curing compounds and other chemicals.
- Dampen the substrate before laying tiles when installing at over 35°C.
- For application over existing ceramic or marble tiles, use Betonit Plus as replacement for water. No need to acid etch or abrade surface.

• In a non-absorbent mixing container (e.g. plastic, steel or iron sheet) mix Betonit White with enough water to the desired paste.



- Let the mortar stand for 15 minutes then mix again to allow chemicals to react completely with the cement and water.
- Lay the Betonit mortar with a thickness of 3mm or more depending on the surface finish and type of tile used.
- Wipe off excess mortar with a wet cloth until clean.

IMPORTANT NOTES:

- To speed up the work, the tile adhesive may be laid over a wide area that can be worked on within 20 minutes
- Use the paste within **3 hours** or while the paste is sticky. For as long as the paste sticks to the fingers, it is still active and usable. Otherwise, it has expired and **MUST BE DISCARDED**.
- Apply Betonit Tile Grout at least one (1) day after tile installation
- **KEEP FOOT TRAFFIC OFF** for at least 24 hours.

LIMITATIONS:

- Do not use for installing green marble or other similar moisture sensitive tiles prone to curling.
- Tile Adhesives and tile Grouts are not designed as replacement for waterproof membranes.

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

TECHNICAL DATA (Test Method)	RESULTS
Shear Bond, Porcelain Tile, 28 day cure	ANSI 118.4-1999; C-5 >300psi
Shear Bond, Porcelain Tile, Water Immersion	ANSI 118.4-1999; C-5 >200psi
Sag on Vertical Surface (passed)	ANSI 118.4-1999; C-4.6 <2mm

Actual performance will depend on installation methods and site conditions.

USE PROTECTIVE WEAR



MINIMUM SETTING TIME



PRODUCT PACKAGE SIZE: 25kg bags

COVERAGE: 3 - 5 sqm / bag
* depending on thickness and substrate

USE SPECIFICALLY FOR GRANITE & MARBLE

BETONIT

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. Confirmed by a reputable and credible third-party testing institute and certification to attest to the consistent quality and superior performance of Betonit products sold in the market. Despite the proliferation of low-quality low-priced tile adhesive and tile grout in the market today, Betonit will stay for those who want more for their money.

BPPI's range of products also include:

Betonit Stone & Concrete Sealer.

A deep-penetrating sealer to provide water repellent properties and maintains the natural color of porous wall decors like bricks, natural stones, pavers, flagstones, etc.

Betonit Sealcrete.

A 2-component cementitious waterproofing system specially formulated to protect concrete surfaces against water penetration, enhanced for flexibility and adhesion.

Betonit Sanded Tile Grout.

Tile Grout formulated for joint gaps greater than 6mm (1/4th inch). The coarse sand used in the grout mixture increases strength and reduces cracking which tends to form when plain cement or unsanded tile grout is used to fill wide tile spaces.

Betonit
Products Phils Inc.

TEL: (632) 932.8806 / (632) 931.3822 FAX: (632) 932.3726
sales@betonitproducts.com www.betonitproducts.com