



Acrylic cement modifier

DESCRIPTION

Betonit Plus is a premium quality acrylic polymer for use in place of water with thin-set tile adhesives, tile grouts, cement plaster mortar, and other cement mixes. It improves cements natural properties to make it more workable, more water resistant with increased bonding and flexural strength.

ADVANTAGES

- Higher bonding strength
- Improves tensile and flexural strength
- Improves water resistance
- Improves abrasion resistance
- Reduces shrinkage and cracking
- For interior and exterior

BENEFITS

- Enhances the bond of the tile adhesive, tile grout, or plaster mortar to substrate.
- Eliminates the need for time-consuming and messy acid-etching or mechanical abrading of glossy, non-porous surfaces.

WHERE TO USE?

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. *When mixed with Betonit Tile Adhesive, resulting mortar conforms to requirements set in ANSI 118.4-1999 for heavy-duty tile adhesives*

Plaster Mortar Additive

An additive to cement mortar for use as **patching mortar, industrial topping, and other miscellaneous masonry finish**. It provides greater adherence to smooth surfaces, better curing when temperatures are high, and keeps shrinkage to a minimum.

Technical Data (when mixed as directed)

Actual Field Performance will depend on installation methods and site conditions

Tile Adhesive Additive (Test / 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	pass

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.

MIXING & APPLICATION:

As a Tile Adhesive Additive: Dilute 1/1 with water. Pour one (1) gallon of **Betonit Plus** into a pail with one (1) gallon of clean water. Use this as direct replacement for the water requirement for tile adhesive to achieve workable consistency, then follow instructions for use in Tile Adhesive.

As a Plaster Mortar Additive:

For Bonding Slurry: Dilute 1/1 with water. Mix with cement until a creamy slurry is obtained. With the use of a brush or trowel, apply 1-2 mm thin slurry over the surface to be applied. Apply the mortar while the slurry is still tacky.

For Plastering: Dilute 1/2 with water. Use this as direct replacement for the water requirement of the mortar mix to achieve a semi-dry consistency.

PRODUCT DATA:

Package Size	4 Liters per plastic bottle
Type	Synthetic liquid acrylic polymer
Color	milky white

NOTE: SHAKE WELL BEFORE USING. On long storage, solids may settle at the bottom of the bottle but this will not affect its active ingredients.

PRECAUTIONS: Use protective gloves and goggles when handling. In case of eye or excessive skin contact, wash with water and consult a physician.

STORAGE: Keep out of direct sunlight, away from heat. Shelflife is 2 years, if unopened.

DISCLAIMER: The use and application of this product is beyond the manufacturer's control, and liability is restricted to the replacement of material, if proven defective.