



## Vetonit Ultra

Polymer modified weather resistant multipurpose adhesive for tiles.

### Uses

- For Ceramic tiles, natural stone conglomerates (Granite & Marble, Terrazo) , artificial stone and large format tiles.
- Tiling on smooth concrete surfaces, lightweight bricks, blocks, plaster boards.
- Tiling on wall surfaces that are plastered with water resistant plasters such as Vetonit Render & Vetonit Base WR on damp concrete interiors.
- Suitable for dry & wet conditions.
- Suitable for tile on existing tile applications.

### Product Description

Vetonit Ultra is a cementitious mortar adhesive composed of hydraulic binders, selected aggregates and special additives . It is supplied as a dry powder in pre-weighed bags ready to use on site, which requires only addition of clean water to produce easily workable mortar. Vetonit Ultra is ideal for fixing of Tiles, Terrazzo Tiles, Marbles and Riyadh stones. Vetonit Ultra is applied in thickness from 3mm to 10mm, depending upon type of tiles and quality of substrate.

### Advantages

- Factory controlled pre-blend ensures consistent high quality.
- Requires only addition of water on-site at the time of usage.
- Easy tile installation that enables high Productivity.
- Superior workability.
- Excellent Adhesion on variety of tiles available in the local market.
- Water & weather resistant
- Suitable for internal & external applications
- Suitable for horizontal & vertical surfaces.

### Standards Compliance

- BS:EN 12004 as C2TE S1
- ISO 13007-1,2
- ASTM C348 & C349

### Technical Data

Vetonit Ultra	Typical Values @ 25°C
Appearance	White & Grey Powder
Aggregate Size	1.35 max
Application Thickness	3 to 10 mm
Open Time	25 minutes
Adjustability	10 - 15 minutes
VOC	< 25 gm/Liter
EN12004 Classification	C2TE S1
Compressive Strength @ 28 day (ASTM C349)	≥ 7.5 MPa
Flexural Strength @ 28 day (ASTM C348)	≥ 2.5 MPa
Tensile Adhesion (Bond Strength) @ 28 day (EN 1348)	≥ 1.2 MPa
Mixed Density	1.45 Kg / Liter
Minimum application temperature	5°C

## Usage Instructions

### Surface Preparation

The substrate should be sound, clean, free from loose material, grease, laitance, dirt, curing compound, etc.

Wet the all surfaces (except gypsum board) with clean water prior to the application of Vetonit Super. Surface should appear damp with no water pooling.

### Mixing

For the preparation of mortar adhesive, pour into a container 6.0-6.5 liters of water for each 20 Kg bag of Vetonit Ultra. Add the powder to the water and mix with a low speed electric drill fitted with a suitable paddle for 3-4 minutes, until a uniform, lump-free consistency is achieved. Allow the mixed material to stand for about 10 minutes and remix briefly with no further water to be added.

It can also be blended manually for small quantity but ensure correct amount of powder to water is maintained.

If required, add 0.5 Ltr of Saveto Bond 2 to the mixing water followed by addition of powder.

Mixed material can be used within 2 hours.

Do not add water to the mix, once the mortar adhesive starts to harden.

### Application

Spread the mixed mortar adhesive and firmly pressed onto the surface to be tiled and work with notched trowel. Spread the mortar adhesive to an area that can be tiled within 10-15 minutes. Tiles are then firmly pressed over the mortar adhesive and immediately knocked into the desired position. Position of the tiles can be adjusted, if required, within its adjustability time of 10-15 minutes after installation. Allow the installed tiles to remain undisturbed for at least 48 hours. Mortar adhesive must not rise higher in the joints than halfway the thickness of the tiles. It is recommended to use Vetonit Tile Grout for filling the joint gaps after 2 days of tile installation.

### Cleaning

Tools and equipment can be cleaned with water immediately after use. Hardened materials will require removal by mechanical means.

## Packaging & Coverage

Product	Pack Size	Coverage
Vetonit Ultra	20 Kg Bag	Walls: 6.0 - 6.5 m <sup>2</sup> /20kg bag Floor: 4.5 - 5.5 m <sup>2</sup> /20kg bag

Stated consumptions data are for general guidance. Actual consumption depends on the nature of substrate, method of application and wastages extra.

## Shelf Life & Storage

Original sealed container of Vetonit Ultra has a shelf life of 12 months provided it is stored clear of ground in a dry shaded place below 25°C.

## Health & Safety

Vetonit Ultra is highly alkaline therefore avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during application. Any skin contact should be washed with soap & water. In case of eyes irritation, immediately wash with copious amount of clean cold water. Seek medical advice.

Vetonit Ultra is non-flammable.

## Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications divided into the following product groups:

- Concrete Repair, Grouts and Enhancement.
- Wall & Facade Systems.
- Flooring and Coating Systems.
- Sealants and Joints.
- Plasters & Renders.
- Putties & Finishes.
- Tiling Systems
- Waterproofing.
- Primers & Ancillary Products.
- Specialty Products.

Saveto also provides various technical information such as CAD details, detailed method statements, specification clauses, application manuals, product selectors and technical support both in contractors and consultants offices as well as construction sites.

For further information on these products and systems kindly check our website or contact your local Saveto representative.

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