



TIGONIS®



TILE | STONE | BLOCK

FIXING SOLUTIONS

Superior Quality

Wide Range

Easy Usage

Product Catalogue

Tigonis Tile Adhesives provide a range of dry mix mortar tile and stone fixing solutions over a variety of substrates in different conditions, available in a total of 5 variants; all complying with global EN and BIS standards for tile and stone fixing.



SUPER

Tigonis Tile Adhesive - Super

Standards : Tigonis Tile Adhesive Super complies with the adhesion requirements of IS 15477: 2019 Type 1 – Grey Color

Pack Size : 20 Kg , 30 Kg

Coverage Estimates : Coverage up to 2.25sqft per kg with 3mm thickness. Pack size Coverage 20 kg approx. 45sqft and with Pack size 30 kg approx. 68sqft using a 6mm x 6mm square notch trowel. Note : Coverage will depend on the nature and flatness of the surface and the method of application. For good coverage, it is must that all surfaces are smooth, plumb, level and free from defects and undulations.

Application Areas : Interior Floor , Walls (Upto 2 feet)

Tile Size : Interior Floor application – Upto 2ft by 2ft
Interior Wall application – Upto 1ft by 1ft

Type of Tile : Ceramic , Clay tiles , any tile with porosity more than 3%

Bed Thickness : Up to 6mm bed thickness

Substrate : Cementitious , plastered walls , Concrete , Cement - lime mortars , Scream

Tigonis Tile Adhesive - Premium

Standards : Tigonis Tile Adhesive Premium complies with the adhesion requirements of IS 15477: 2019 Type 2 – Grey Color

Pack Size : 20 Kg , 30 Kg

Coverage Estimates : Coverage up to 2.25 sqft / per kg with 3mm thickness. Pack size Coverage 20 kg approx. 45sqft and with Pack size 30 kg approx. 68sqft using a 6mm x 6mm square notch trowel.

Note : Coverage will depend on the nature and flatness of the surface and the method of application. For good coverage, it is must that all surfaces are smooth, plumb, level and free from defects and undulations.

Application Areas : Interior Floor , Interior Walls (Upto 6 feet) ,
Tile on Tile applications after acid wash or chipping of base tiles

Tile Size : Interior Floor application – Upto 4ft by 2ft Interior Wall application – Up to 2ft by 2ft

Type of Tile : Ceramic (floor + wall) , Vitrified tiles (Floor + wall upto 2ft by 2ft) , Clay tiles , Stone , Mosaic , Large Tiles for interior applications , Tiles with porosity less than 3% for interior applications

Bed Thickness : Up to 12mm bed thickness

Substrate : Cementitious , plastered walls , Concrete , Cement - lime mortars , Scream

PREMIUM



Tigonis Tile Adhesive - Ultra Premium

Standards : Tigonis Tile Adhesive Ultra Premium complies with the adhesion requirements of IS 15477: 2019 Type 2 – Grey Color

ULTRA PREMIUM

Application Areas : Interior Floor, Interior Walls (Upto any height),

Tile on Tile applications on floor and wall

Tile Size : Interior and exterior Floor application – Up to any size | Interior Wall application – Up to 5ft by 2.5ft

Type of Tile : Ceramic, Vitrified tiles, Clay tiles, Marble, Stone, Mosaic, Large Tiles for interior applications, Tiles with porosity less than 3% for all interior applications

Bed Thickness : Upto 12 mm bed thickness **Pack Size :** 20 Kg , 30 Kg

Substrate : Cementitious, plastered walls, Concrete, Cement-lime mortars, Screed



Tigonis Tile Adhesive - Platinum

Standards : Tigonis Tile Adhesive Platinum complies with the adhesion requirements of IS 15477: 2019 Type 3 – Grey Color

PLATINUM

Application Areas : Interior Floor, Interior Walls (Upto any height) Tile on Tile applications on floor and wall, Exterior floor and wall, Ceiling

Tile Size : Interior and exterior Floor application – Up to any size | Interior Wall application – Up to 5ft by 2.5ft

Type of Tile : Ceramic, Vitrified tiles, Clay tiles, Stone, Mosaic, Large Tiles for interior & exterior applications, Tiles with porosity less than 3% for all applications

Bed Thickness : Upto 12 mm bed thickness **Pack Size :** 20 Kg , 30 Kg

Substrate : Cementitious, plastered walls, Concrete, Cement - lime mortars, Screed



Tigonis Block Joining Mortar

is a high strength adhesive for quick and firm laying of AAC Blocks, fly ash bricks, concrete blocks, etc with thin joints. It's a factory-mixed mortar made up of cement, graded stones, blended with polymers to deliver high strength and water retention properties even when in thickness of 2 -3 mm.

Advantages

High bonding strength ♦ High surface area coverage ♦ Helps to reduce shrinkage, cracks or shortness ♦ No post layout curing required ♦ High thermal insulation properties ♦ Economical and easy to use ♦ Minimum wastage Premixed and ready to use product

Technical Information

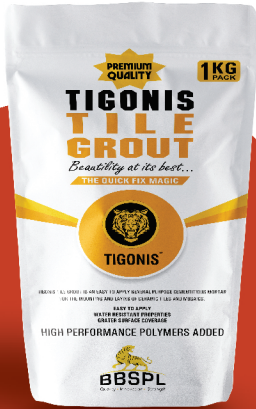
- ♦ **Colour**
 - ♦ **Dilution**
 - ♦ **Pot Life**
 - ♦ **Coverage (600 mm × 200 mm AAC Blocks)***
 - ♦ **Pack Size**
 - ♦ **Areas of Application**
 - ♦ **Tensile Adhesion Strength**
 - ♦ **Compressive Adhesion Strength**
- Grey Powder mixture
25-30% with water by weight
1.5-2 hours (Usually it is lesser)
1.8 -2 m³/40 kg bag
40 KG & 50 KG
AAC Block & CLC Block
> 0.68 MPa @28 days
> 14.9 MPa @ 28 Days

*Depending on the desired application.



Tigonis Tile Grout

TIGONIS TILE GROUT is an economical hard-wearing, water-resistant chemical for filling joints in exterior and interior walls and floor ceramic tiles and mosaics. It is a specially formulated chemical to fill joints of up to 5 mm in width. It is easily applied by hand and because of its unique composition, does not shrink when dry.



Advantages

- ◆ Easy application
- ◆ Does not curl up during application
- ◆ Good adhesion
- ◆ Environment-friendly
- ◆ Good water and weather resistance
- ◆ Helps to reduce shrinkage & cracks in tiles.

Technical Information

- ◆ **Mixing Ratio** 20-25% water by weight
- ◆ **Pot Life** 90 mins
- ◆ **Pack Size** 1 Kg
- ◆ **Compressive Strength** > 15 Mpa
- ◆ **Shades** White, Ivory, Pure Yellow, Water Green, Sky Blue, Sapphire, Slate Grey, Silver Grey, Ivy, Burgundy, Saitillo, Terracotta, Spectra Pink, Midnight Black

Manufactured as per BIS standards. T&C apply.

TIGONIS GROUT ADMIXTURE is a white synthetic polymer additive, use with cement based grouts for tile joint grouting works.

Tigonis Grout Admixture is used in place of water to provide a dense, colorfast grout joint that inhibits stain causing bacteria growth and ideal for all interior and exterior grout applications.

Tigonis Grout Admixture

Advantages

- ◆ Improves flexibility
- ◆ Reduced water permeability: improves water resistance
- ◆ Improves the adhesion strength
- ◆ Suitable for Interior & Exterior
- ◆ Easy to clean using a minimal amount of water
- ◆ Provides a more dense and stronger

Technical Information

- ◆ **Appearance** White Emulsion
- ◆ **Specific Gravity** 1.02
- ◆ **Pot Life** 60 min
- ◆ **Time to Foot Traffic** 24 hrs
- ◆ **Time to Heavy Traffic** 72 hrs

Manufactured as per BIS standards. T&C apply.





Tigonis Tile Bonder

TIGONIS TILE BONDER is an economical on-site mix additive for improving the strength and workability of cement, for fixing of tiles. Tigonis Tile Bonder exhibits very high water retention and thus reduces the absorption of water in to porous substrates.

Hence provides workability, sufficient sag resistance as well as appropriate setting time. The adjustability is good even at low dosages and high ambient temperatures. It makes cement self-cured.

Application Areas

Tigonis Tile Bonder with cement slurry is used for fixing tiles on conventional method / leveling bed application. For fixing tiles on wall, Tigonis Tile Bonder is to be mixed with cement and / or sand and can be applied by notch trowel.

Method of Application

A. Cement + Tigonis Tile Bonder: Take 10 Ltrs of water in a clean and dry vessel. Slowly, mix 50 Kg Cement and 300 gm of Tigonis Tile Bonder under stirring to obtain a uniform lump-free consistency. Finally, add 5 Ltrs. of Water to get a soft and smooth paste.

B. Cement + Sand + Tigonis Tile Bonder: When using with sand, take 300 gm Tigonis Tile Bonder only for 25 kg cement and desired quantity of sand.

Technical Information

- ◆ **Appearance** Free flowing powder
- ◆ **Colour** White
- ◆ **Packaging** 300 gms



Step : 1



Step : 2



Step : 3



Step : 4



Step : 5

Manufactured as per BIS standards. T&C apply.

Tigonis Tigo Clean

Features & Benefits:

- ◆ Does not damage joints between ceramic tiles u Removes stain easily u Cleans ceramic, porcelain, vitrified tile & grout
- ◆ Does not affect glaze and pigments of tiles u Safe to use and does not have side effects

TIGONIS TIGO CLEAN is a versatile product formulated for clean flooring systems like Tiles, In Situ Mosaic, Ceramics, Kent Tiles, Wash Basin, Bathtub, Concrete and other similar surfaces.

Application

Wet the substrate surface with 1:1 diluted Tigo Clean. Leave for soaking for five minutes. Then Scrub with Scrubber or cloth and finally wash with water.

Technical Information

- ◆ **Colour** Reddish Liquid
- ◆ **Soaking time** 5 mins. after application
- ◆ **Dilution** Dilute with water in a 1:1 ratio
- ◆ **SKU's** 500 ml and 1 Litre

Manufactured as per BIS standards. T&C apply.



A WIDE RANGE OF BUILDING & CONSTRUCTION MATERIALS



TIGONIS®

PUTTY | PAINTS | ADHESIVES | DRY MIX MORTAR
WATERPROOFING | CONSTRUCTION CHEMICALS



Tile Adhesive



Platinum Adhesive



Tile Grout



Block Joining Mortar



Tile Bonder



Grout Admixture



Wall Putty



**Water Proof
Wall Putty**



**Water Proof
Cement Paint**



Cement Primer



Acrylic Distemper



**Red Oxide
Metal Primer**



**Megaproof
WPC++**



**Superpower SBR
Latex**



Tigo Clean



Rust Remover



**High Performance
polymer Modified
White Cement Compound**



BENGAL BUILDING SOLUTIONS PVT. LTD.

57 G, K. N. Sen Road, Kolkata - 700042, Phone : +91 7439133787

E: marketing@bbspl.co.in | W: www.bbspl.co.in

Works : Ramkrishnapur More, Gotalahat Road, Amtala, Kolkata - 743503