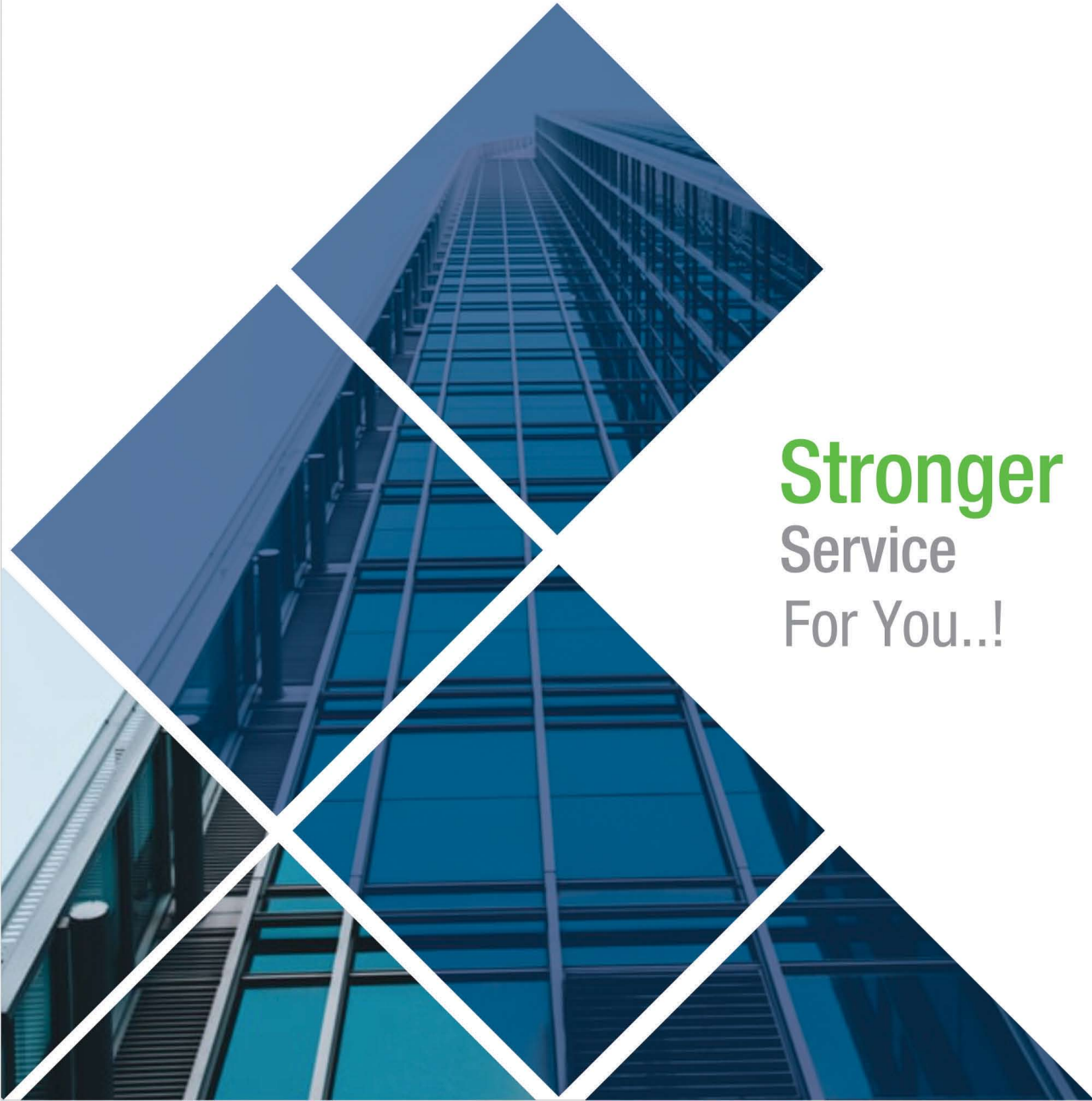




**STIFFER**<sup>®</sup>  
BONDING EXPERT



**Stronger**  
Service  
For You..!



**STIFFER**<sup>®</sup>  
BONDING EXPERT

## ABOUT US

Stiffer has been playing an integral role in your homes, offices, and lives. It is a name synonymous with severe or strong with around experience of 3 decades in the ceramic and construction chemicals field.


We focus on delivering a comprehensive range of Tile Fixing and Care, and Stone Fixing and Care products. Stiffer also offers a wide array of products in the categories of Building Repair, Grouting Solutions, and Waterproofing.



At Stiffer, we combine beauty with endurance. You can rely on Stiffer, not only for its dedication towards better tiling but also for its legacy.

We have a wide array of products in the categories of Tile Fixing and Care, Stone Fixing and Care, Building Repair, Grouting Solutions, and Waterproofing. We are bringing revolution to the concept of tile-on-tile application in India, with our ground-breaking Non-Skid Adhesive (NSA) solution. Our high-quality products are used in residential properties, commercial establishments, and industrial and infrastructural utilities. At Stiffer, we invest in extensive research and development. Our wide network of dealers and stockists across India and other parts of the world enables us to deliver timely solutions to our customers.

We share a stiff bond of trust with our consumers, our world-class range of products are more than just tile-fixing applications. They allow homeowners, architects, and builders to dream, and sit back without the worry, knowing that their idea now has the perfect way to be executed. At Stiffer, it is our commitment to fulfilling what they envision





**STIFFER**<sup>®</sup>  
BONDING EXPERT

## OUR VISION

Willingness towards the enhancement of stiffness and  
Passionately strive to delight every customer of STIFFER by  
providing innovative and quality products and services on an on-  
going basis and to become a most sought after brand.





# **WE WILL HELP YOU TO GROW YOUR INFRASTRUCTURE**

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## **OUR MISSION**

STIFFER is committed to providing technologically-advanced, aesthetically STIFFNESS, high-strength, premium quality that satisfies commercial as well as residential customer needs in domestic and international markets.

# Tile Grout

## Tile Grout - Cement Based

Stiffer tile Grout - Cement Based is a single component polymer modified tile grout for filling tile joints up to 3mm width. It is a specially formulated premium, fast setting, low shrinkage grout that prevents ingress of water through the joint. Specification meets the requirements of ANSI 118.6 (Specification for tile grouts) Easy to mix Cement-based easy to mix joint filler available in 19 brilliant shades permeability Water-repelling impermeable joint filler suited for domestic and commercial floors, walls, etc. Excellent adhesion Sustainable and durable for a long time Easy to clean Non-dusting and easy to clean Guide to make it stiffer.

## Product Benefits

### Specification

Meets the requirements of ANSI 118.6 (Specification for tile grouts)

### Easy to mix

Cement based easy to mix joint filler available in 7 brilliant shades

### Impermeability

Water repelling impermeable joint filler suited for domestic and commercial floors, walls etc.

### Excellent adhesion

Sustainable and durable for a long time

### Easy to clean

Non-dusting and easy to clean



## Product Features

### Available Packs

Shelf life: 12 months from the date of manufacture when stored in original packaging under normal dry conditions.



1 Kg.

### Coverage

Tile Dimension in mm			Consumption, Kg/mtr2 Tile Joint of width		
Length	Width	Thickness	3 mm	4 mm	5 mm
300	300	8	0.32	0.42	0.53
300	300	10	0.39	0.53	0.66
300	300	20	0.80	1.06	1.33
300	600	10	0.30	0.40	0.50
330	330	10	0.36	0.48	0.60
450	450	12	0.32	0.42	0.53
600	600	12	0.24	0.32	0.40
200	300	6	0.29	0.39	0.49

### Colours Available

## 19 Shades\*

\*Available in 19 brilliant shades



### Recommended Usage



# How To Apply

## Application Process

### STEP-1

Before grouting make sure that the tiles are firmly set and adhesive is cured.

### STEP-2

Tile joints must be clean & free of oil or any other foreign matter and about 2/3rd of the depth of tile should be available for grouting.

### STEP-3

Add 1 Kg tile grout to about 300 to 350 ml of potable water & mix till it is free from lumps.

### STEP-4

Dampen the surface. Spread the grout using rubber grout float ensuring that no air gaps are left in the joint.

### STEP-5

Apply the material within 30 minutes of mixing.

### STEP-6

Remove excessive grout without disturbing the compactness of the applied material.

### STEP-7

Allow to harden for 2-3 hours and then remove excess material with damp (and Not Wet) sponge.

### STEP-8

Allow the joint to cure for 24 hrs before subjecting it to normal service conditions. In case of exterior joints, protect from direct sunlight/ rains for at least 24 hours.



## Additional Information

### Precautions

Do not use when high chemical, impact, stain resistance, is required or in industrial environment. In such cases, use Stiffer Epoxy tile grout.

The actual shade may not match 100 % with that in shade card. Shade card is for indication purpose.

When 2 or more bags are required, it is advisable to dry blend the powders first to avoid color variation.

### Safety Features

Kindly refer to the MSDS for Stiffer Tile Grout - Cement Based which gives detailed information on safety measures while handling the material.

Store the bag tightly closed in a cool, dry place

Keep out of reach of children and away from eatables.

May be harmful if swallowed. In case of ingestion seek immediate medical attention.

Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and if required seek medical advice.

It is recommended to wear suitable nose pad during surface preparation, mixing, application to avoid dust inhalation.

### Technical Details

Form: Free flowing powder

Color: As per shade

Mix density: 1.75 - 2.05 (depending on shade)

Pot Life: 1 Hour

Curing time: 24 Hours

Cleaning tools: with water immediately after use

# CHOOSING THE RIGHT GROUT COLOUR



# SHADE CARD



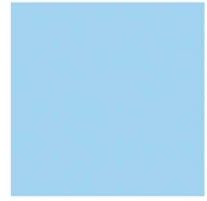
WHITE



IVORY



NANO IVORY



SKY BLUE



ROYAL BLUE



BABY PINK



SILVER GREY



DARK GREY



AL. BLUE



MAGENTA



LEMON YELLOW



COFFEE BROWN



BLOOD RED



BOTTTEL GREEN



LAKHA RED



TERRACOTTA



BLACK



JAISALMER



GREY BLACK

\*Colour Show are indicative only. Check actual Grout for exact Colour

# INTRODUCING PREMIUM QUALITY

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## TILE & STONE ADHESIVE





## Tile & Stone Adhesive

At Stiffer, we offer a comprehensive range of tile adhesive products for you to choose from, making us one of the leading tile adhesive manufacturers in India. Our tile grout, epoxy, and sparkle epoxy are made with some of the best products which are available in the market to date. Along with tile adhesives, we are also introducing the Stiffer 3X stiff Tile Holder soon.

Come rain, sunshine, humidity, or pollution, we are the leading tile adhesive manufacturers in India for all the right reasons and will protect your walls and floors from cracking and debonding. Our complete range of products is designed to cater to several different purposes in your homes and offices.

### Comparison

Particular	stiffer tile adhesives	Conventional cement slurry
Quality standard	Conforms to Indian standard is 15477	Does not conform to any specified Indian standard
Testing	Well tested product with defined parameters	No such testing done
Shrinkage	No shrinkage observed	May shrink when used
Packaging	Ready to use /premix bag	Need to mix materials at the Site for preparation
Packaging Packaging	Consistent quality as gradation and machined proportions are mixed and packed	Quality not as consistent as the mix is done at the site through labour and gradation of materials is not optimised

## Features & Benefits

### Availability

Stiffer premixed Tile Adhesive is available round the year, making it easier for the material planning team and facilitating on-time completion of work at the site.

### Easy Application

The product is a premix packed solution containing cement, sand and special additives which only require the addition of water before use, making the application process simpler and easier.

### Excellent Adhesion

Due to the special additives and sand gradation, the product texture and quality ensures excellent adhesion and makes it slip-resistant, giving it an upper edge.

### Longer pot life

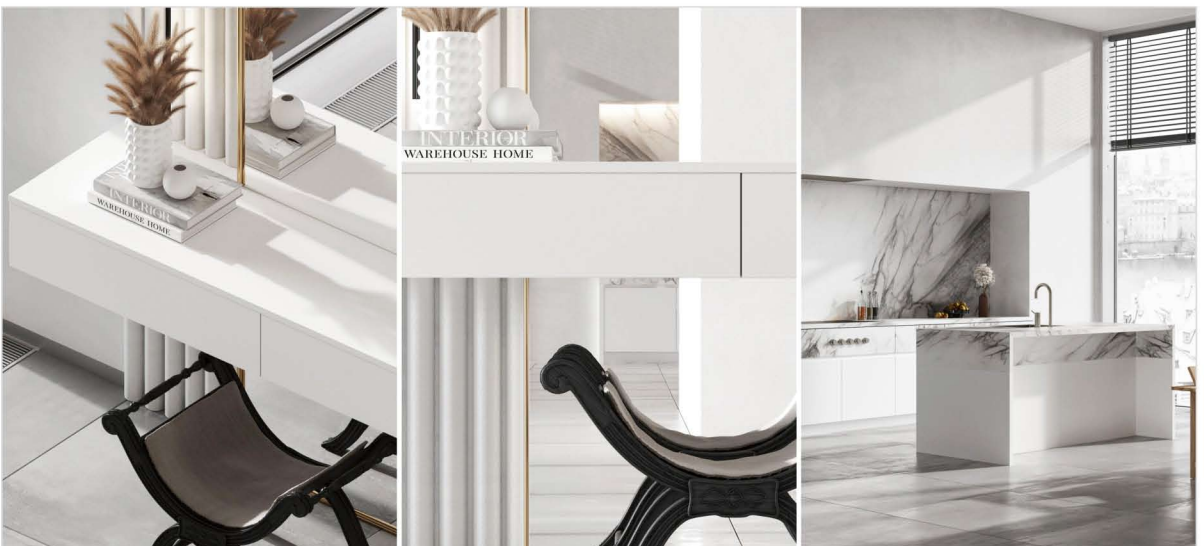
Since the premix contains special additives which also contain water retention properties, the pot life of the mix is longer.

### Time-Saving

The concept of premix cuts out the tedious and inaccurate process of material mixing and preparation, which only leaves water mixing and application as a process to be done at the site. This reduces the time required to perform at the site and also the labour requirement

### Minimum Shrinkage Cracks

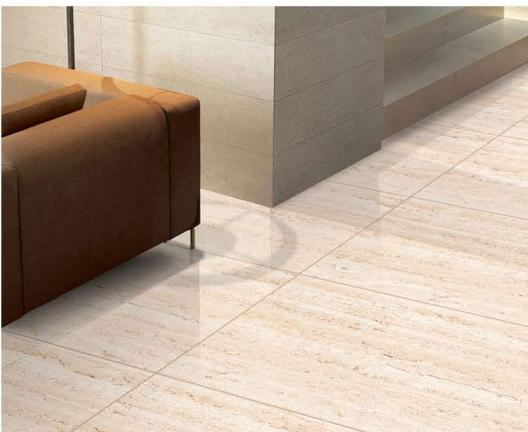
Technical properties and the design mix enhance the product performance leading to minimum shrinkage cracks solving a major problem in comparison to the conventional method.



# TILE ADHESIVE FLOOR FIX

## Product Description

Made from a tile fixing chemical combination of Polymers integrated with a grey cement composition, this adhesive is used for fixing ceramic, vitrified, and other types of internal flooring and wall tiles. It comes in a premixed, ready to use form that can be used with several substrates. Recommended only for the floor.



**Pack size**  
20kg.

**Colour**  
GREY

**Shelf life**  
1 year in dry unopened bags.

**Coverage (in sq. mtr.)**  
4-5 Sq. mtr. / 20 kg bag at  
3 mm thickness.

**Applications**  
For fixing all types of ceramic tile on  
interior floor surfaces.

**Advantages**

- Ready to use. Needs only mixing with water.
- Flexible, shock and impact are resistant.
- Fast and economical.
- High bond strength.
- Suitable for ceramic floor tiles.
- Use Stifbond as admixture for better performance of mortar



## Method Of Application



Remove all dust, water, oil & Sealers from Surface / substrate.



Add 5 to 6\* litre water in-to an empty bucket.



Add 20kg stiffer floor fix Adhesive in-to water and mix it till attains uniform paste.



**WAIT 5-10 MIN.**

Slake the material for 5 to 10 minutes.



Again mix the material then take the material on a notched trowel.



Use the flat side of the trowel and spread the adhesive uniformly.



Comb the adhesive with the help of a notched trowel.



Spread the material backside of the tile also



Press the tiles firmly into position by twisting action.



Press the tile gently with help of a wooden hammer to make a uniform tile surface.



Clean the tile surface with a wet cloth.



**WAIT 24 HR.**

For foot traffic wait up to 24 Hrs.



After 24 Hrs.' you can do the stiffer grouting.

# TILE ADHESIVE TILE FIX

## Product Description

Made from a tile fixing chemical combination of polymers modified with, this adhesive is used for fixing ceramic and vitrified floor and wall tiles. This can be your hassle-free solution to renew your floor and wall tiling with new ones. This adhesive is perfect for fixing tiles over existing tiles on floors(tile on the tile). It contains special additives that provide excellent bonding & grabbing properties. Suitable for porcelain body ceramic tiles (300x450 300x600 600x600) for wall.



## Pack size

20kg.

## Colour

GREY

## Shelf life

1 year in  
dry unopened bags.



## Coverage (in sq. mtr.)

4-5 Sq. mtr. / 20 kg bag at  
3 mm thickness.

## Applications

For vitrified & ceramic tiles and large format tiles on floor surfaces only.  
(600x1200 / 600x600)

## Advantages

- Ready to use. Needs only mixing with water.
- Also suitable for tile on tile application.
- Can also be used for internal wall tile.
- Saves time as floors are ready to be used after 24 hours. Excellent adhesion & low shrinkage
- Use Stiffbond as admixture for better performance of mortar

## Method Of Application



Remove all dust, water, oil & Sealers from Surface / substrate.



Add 5 to 6\* litre water in-to an empty bucket.



Add 20kg stiffer Tiles fix Adhesive in-to water and mix it till attains uniform paste.



**WAIT 5-10 MIN.**

Slake the material for 5 to 10 minutes.



Again mix the material then take the material on a notched trowel.



Use the flat side of the trowel and spread the adhesive uniformly.



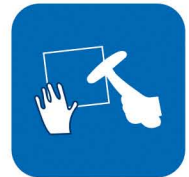
Comb the adhesive with the help of a notched trowel.



Spread the material backside of the tile also



Press the tiles firmly into position by twisting action.



Press the tile gently with help of a wooden hammer to make a uniform tile surface.



Clean the tile surface with a wet cloth.



**WAIT 24 HR.**

For foot traffic wait up to 24 Hrs.



After 24 Hrs.' you can do the stiffer grouting.

# TILE ADHESIVE SLAB FIX

## Product Description

Made from a tile fixing chemical combination of polymers modified with grey cement, this adhesive is used for fixing large format tiles granite (for horizontal surfaces) other stones, and vitrified body, ceramic body for floors and walls. In addition to the Indian Standards, it's also compliant with the EN 12004: C2 TE quality standard. Suitable for porcelain body, ceramic tiles, and vitrified body, up to (600x600, 600x1200,)



**Pack size**  
20kg.

**Colour**  
GREY

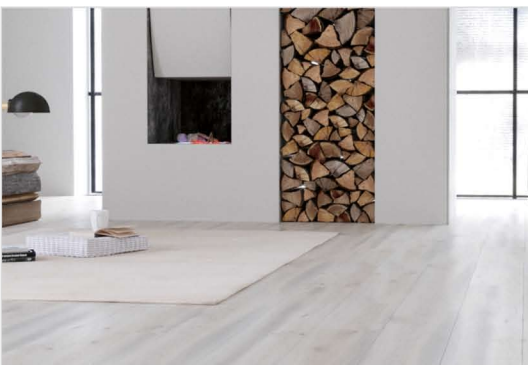
**Shelf life**  
1 year in dry unopened bags.

**Coverage (in sq. mtr.)**  
4-5 Sq. mtr. / 20 kg bag at  
3 mm thickness.

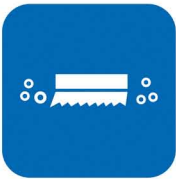
**Applications**  
Ideal for fixing ceramic tiles, vitrified tiles,  
(small format) on floor & wall

**Advantages**

- Ready to use. Needs only mixing with water.
- Flexible, shock and impact are resistant.
- Fast and economical.
- High bond strength.
- Protect light base ceramic tile from discoloration.
- Use Stifbond as admixture for better performance of mortar



## Method Of Application



Remove all dust, water, oil & Sealers from Surface / substrate.



Add 5 to 6\* litre water in-to an empty bucket.



Add 20kg stiffer Slab fix Adhesive in-to water and mix it till attains uniform paste.



**WAIT 5-10 MIN.**

Slake the material for 5 to 10 minutes.



Again mix the material then take the material on a notched trowel.



Use the flat side of the trowel and spread the adhesive uniformly.



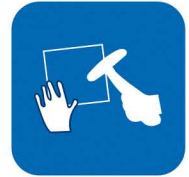
Comb the adhesive with the help of a notched trowel.



Spread the material backside of the tile also



Press the tiles firmly into position by twisting action.



Press the tile gently with help of a wooden hammer to make a uniform tile surface.



Clean the tile surface with a wet cloth.



**WAIT 24 HR.**

For foot traffic wait up to 24 Hrs.



After 24 Hrs.' you can do the stiffer grouting.

# STONE ADHESIVE STONE FIX

## Product Description

Made from a tile fixing chemical combination of polymers modified with white cement, this adhesive is used for heavy-duty tile adhesive that fixes natural stones, large ceramic tiles. It also has excellent waterproofing abilities. With this ready to use adhesive, you will get a very strong fix. Suitable for vitrified body, full-body, natural stone, marble (Italian marble), glass, mosaic, granite, internal and external for wall cladding up to 30ft. (Vitrified Body 600x600, 600x1200, 800x1600)



**Pack size**  
20kg.

**Colour**  
WHITE

**Shelf life**  
1 year in  
dry unopened bags.

**Coverage (in sq. mtr.)**  
4-5 Sq. mtr. / 20 kg bag at  
3 mm thickness.

## Applications

White colour adhesive specially recommended for all kinds of vitrified body, full-body, natural stone, marble

## Advantages

- Ready to use. Needs only mixing with water.
- Also suitable for Marbles and application.
- Can also be used for internal wall tile.
- Saves time as floors are ready to be used after 24 hours.
- Excellent adhesion & low shrinkage.
- Very effective for light base tiles & Marbles. Protect light base tiles from discoloration
- Use Stiffbond as admixture for better performance of mortar



## Method Of Application



Remove all dust, water, oil & Sealers from Surface / substrate.



Add 5 to 6\* litre water in-to an empty bucket.



Add 20kg stiffer Stone fix Adhesive in-to water and mix it till attains uniform paste.



**WAIT 5-10 MIN.**

Slake the material for 5 to 10 minutes.



Again mix the material then take the material on a notched trowel.



Use the flat side of the trowel and spread the adhesive uniformly.



Comb the adhesive with the help of a notched trowel.



Spread the material backside of the tile also



Press the tiles firmly into position by twisting action.



Press the tile gently with help of a wooden hammer to make a uniform tile surface.



Clean the tile surface with a wet cloth.



**WAIT 24 HR.**

For foot traffic wait up to 24 Hrs.

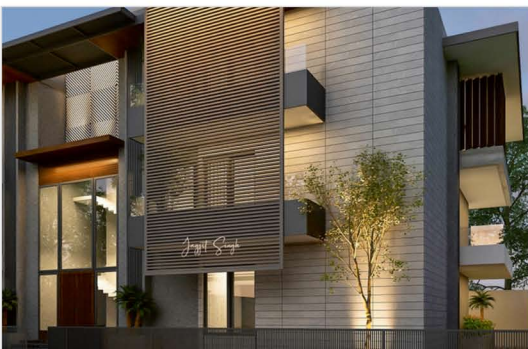


After 24 Hrs.' you can do the stiffer grouting.

# STONE ADHESIVE MARBO FIX (GREY)

## Product Description

Made from a tile fixing chemical combination of polymers modified with white cement, this adhesive is used for fixing glass mosaic tiles, Italian marble, and large-format floor and wall tiles. In addition to the Indian Standards, it's also compliant with the EN 12004: C2 TE S1 quality standard. Suitable for vitrified body, full-body, natural stone, marble (Italian marble), glass, mosaic, granite, internal and external for wall cladding. (Available in two variants GREY/WHITE). up to 1200x2400



**Pack size**  
20kg.

**Colour**  
GREY

**Shelf life**  
1 year in dry unopened bags.

**Coverage (in sq. mtr.)**  
4-5 Sq. mtr. / 20 kg bag at  
3 mm thickness.

## Applications

Suitable for exterior & interior surfaces in residential buildings for both floor & wall surfaces.

## Advantages

- Suitable for all types of tiles for both interior & exterior solution
- Excellent tensile & shear adhesion
- Heat & weather resistant.
- Thermal Insulation.
- Use Stifbond as admixture for better performance of mortar



## Method Of Application



Remove all dust, water, oil & Sealers from Surface / substrate.



Add 5 to 6\* litre water in-to an empty bucket.



Add 20kg stiffer Marbo fix Adhesive in-to water and mix it till attains uniform paste.



**WAIT 5-10 MIN.**

Slake the material for 5 to 10 minutes.



Again mix the material then take the material on a notched trowel.



Use the flat side of the trowel and spread the adhesive uniformly.



Comb the adhesive with the help of a notched trowel.



Spread the material backside of the tile also



Press the tiles firmly into position by twisting action.



Press the tile gently with help of a wooden hammer to make a uniform tile surface.



Clean the tile surface with a wet cloth.



**WAIT 24 HR.**

For foot traffic wait up to 24 Hrs.



After 24 Hrs.' you can do the stiffer grouting.



**STIFFER**<sup>®</sup>  
BONDING EXPERT

# STONE ADHESIVE MARBO FIX (WHITE)

## Product Description

Made from a tile fixing chemical combination of polymers modified with white cement, this adhesive is used for fixing glass mosaic tiles, Italian marble, and large-format floor and wall tiles. In addition to the Indian Standards, it's also compliant with the EN 12004: C2 TE S1 quality standard. Suitable for vitrified body, full-body, natural stone, marble (Italian marble), glass, mosaic, granite, internal and external for wall cladding. (Available in two variants GREY/WHITE). up to 1200x2400



**Pack size**  
20kg.

**Colour**  
WHITE

**Shelf life**  
1 year in dry unopened bags.

**Coverage (in sq. mtr.)**  
4-5 Sq. mtr. / 20 kg bag at  
3 mm thickness.

**Applications**  
Suitable for exterior & interior surfaces in residential buildings for both floor & wall surfaces.

**Advantages**

- Suitable for all types of tiles for both interior & exterior solution
- Excellent tensile & shear adhesion
- Heat & weather resistant.
- Thermal Insulation.
- Use Stifbond as admixture for better performance of mortar

## Method Of Application



Remove all dust, water, oil & Sealers from Surface / substrate.



Add 5 to 6\* litre water in-to an empty bucket.



Add 20kg stiffer Marbo fix Adhesive in-to water and mix it till attains uniform paste.



**WAIT 5-10 MIN.**

Slake the material for 5 to 10 minutes.



Again mix the material then take the material on a notched trowel.



Use the flat side of the trowel and spread the adhesive uniformly.



Comb the adhesive with the help of a notched trowel.



Spread the material backside of the tile also



Press the tiles firmly into position by twisting action.



Press the tile gently with help of a wooden hammer to make a uniform tile surface.



Clean the tile surface with a wet cloth.




**WAIT 24 HR.**

For foot traffic wait up to 24 Hrs.



After 24 Hrs.' you can do the stiffer grouting.



Can't decide  
on a light or  
dark look ?

Compare your  
**grout option**

# Epoxy Grout

## Product Description

Stiffoxy-310 is the only expansive, non-shrink, low exothermic epoxy system for machinery grouting. This versatile, dual-purpose product is formulated for single, large volume placements and may be used as thin as 1/2 inch (13 mm) in depth. Stiffoxy-310 is a three-component, 100% solids, solvent-free system formulated to provide high-strength and superior creep resistance combined with the highest effective bearing area

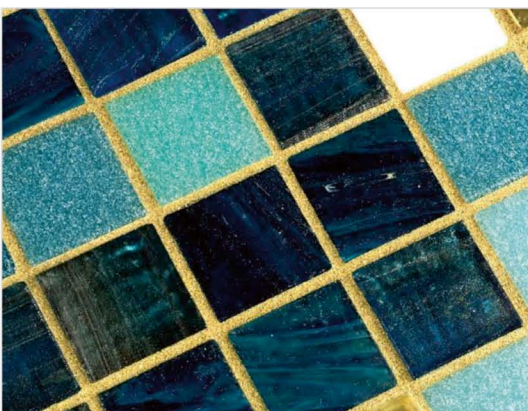
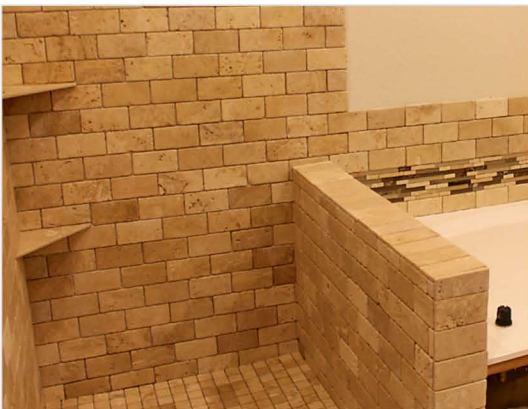


## Why STIFFOXOY-310 ?

- Easy to apply
- Stain free tile joints (Grouts)
- Non- cracking or powdering
- Antifungal & anti- bacterial
- Available in a range of 42 colours to suit your tile colour
- Acid/ chemical resistant

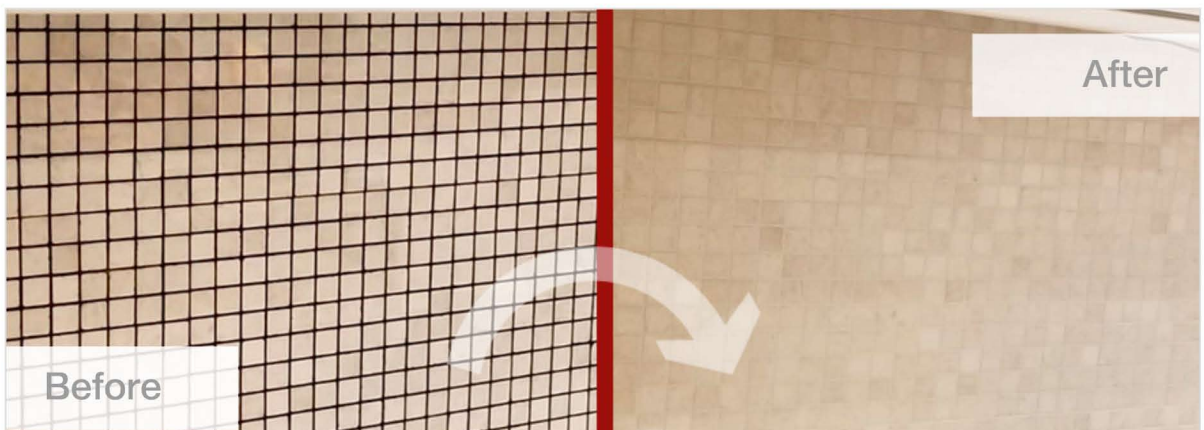
## Application

Designed especially for interior and covered exterior floor and wall joints of all types of ceramic tile, vitreous, semi-vitreous tile, glass mosaic tiles, metal tiles, precast terrazzo, engineered stone floors and natural stones. Recommended for Institutional and commercial kitchens, Cafeterias, residential facilities, Rest rooms, Schools and wet areas like swimming pools, sauna, water bodies and wash rooms.



## Advantages

- Permanent support for machinery requiring precision alignment
- Low exothermic properties with early strength development
- Long working time
- Solvent-free clean-up
- Adjustable flow for various conditions
- Expansive, on-shrink
- Superior creepresistance
- Chemically resistant
- 95% effective bearing area when following proper grouting procedures
- Excellent adhesion to steel  
Packaging and Yield, Stiffoxy-310 is a three-component system consisting of resin, hardener, and polyethylene lined bags of aggregate.
- Shelf Life Two years in original unopened packaging when stored in dry conditions high relative humidity will reduce shelf life.
- Large-volume applications
- Foundation rebuilds and skid mounted equipment
- Precision alignment under dynamic load conditions
- Vibration dampening for rotating equipment
- Aggressive chemical environments
- Installation of anchors and dowels





## Packaging

STIFFOXY-310 is a factory proportioned kit with Resin (Part A), Hardener (Part B), and colour filler powder (Part C).

**Pack size :** 1 kg. / 5kg.

## Colour

Choose from range of colours available in Part C filler powder. Please refer the grout colour chart for choosing the colour required.

## Coverage (in sq. mtr.)

Please refer the coverage chart as it depends on the tile size, joint width and depth.

## Working Properties at 70° F (21° C)

### Pot life

45 Minute

### Foot Traffic

24 Hours

### Heavy Traffic

72 Hours

## Surface Preparation

Before starting to grout, remove debris in grout joints and lightly sponge the tile surface to remove dust and dirt. Do not clean tiles with acid cleaners. In case acid cleaners were used to clean the tiles, ensure to wash the area with plenty of water before commencing grouting.

## Mixing

Empty entire contents of Stiffoxy-310 Stain free Grout Part “A” and Part “B” container into a clean mixing pail. Mix with a margin trowel or a slow speed drill mixer until liquids are completely blended. Add at least of stiffoxy-310 Part “C” Filler Powder and mix to a uniform consistency. Add the remaining filler powder and mix to achieve a stiff mix to work into the joints. Immediately pour entire contents of bucket onto working area. Use a plastic sheet as a drop cloth. Use standard epoxy grouting techniques to work with Stiffoxy-310 Grout into tile joints. Stiffoxy-310 Grout can also be applied with a caulking gun. Be sure all grout joints are packed full. Remove as much excess material as possible before initial cleaning with grout float. Do not leave excess grout on the face of tiles.

## Cleaning

Remove excess grout from the face of the tiles with the edge of the grout float. Hold the float at a 90° angle and pull it diagonally across the joints and tile to avoid pulling out the material.

## Initial Cleaning

After 30-45 min of the application of the grout scrub the surface of the tile & joint with clean water and scrubber provided to remove any excess grout. Then take a clean thick white towel and drag across the tile to remove any residue

## Final Cleaning:

Within 24 hours do a second cleaning with normal soap detergent to remove any haze from the tile.





# STIFFER EPOXY GROUT OFFER A WIDE VARIETY OF STYLES TO CHOOSE FROM



MUSHROOM -105



SIERRA SUNRISE-05



RAVEN-45



LEMON YELLOW-128



CADMIUM RED 126



SAGE-15



SPECTRA PINK 127



PERCHMENT 61



ALMOND-85



OLIVE GREEN-130



SAPPHIRE-103



SKY BLUE-101



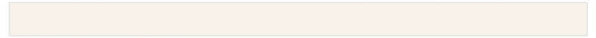
ALPINE BLUE-108



INCA GOLD-11



LIGHT GREEN-110



BRIGHT WHITE-44



MARBLE BEIGE-17



SANSTONE-34



SMOKE GREY-89



BURGUNDY-109



SLATE GREY-91



SABLE-04



QUARRY RED-46



MID NIGHT BLACK-22



MOCHA-35



DUSTY ROSE-54



SILK-03



HEMP-27



SILVER SHADOW-88



IVY-25

\*Colour Show are indicative only. Check actual Grout for exact Colour

**EXTRA SMOOTH  
WHITE CEMENT BASED**

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**WALL PUTTY**



## Stiffer Wall Putty

- Stiffer wall putty is white cement based fine powder which provides an ideal finishing for concrete/cement plastered walls and ceiling.
- It provides an ideal base for painting.
- It provides a damp resistant smooth finish for further application of all kinds of paints. (Damp resistance means resistance to water in humid air & not physical water contacts/leakages).
- It gives a pleasing look to interiors & exteriors.
- It is a fine powder to be mixed with water as advised for direct application on the plastered surface of the interiors/exteriors to get a silky and shiny finish.
- Can be used on concrete, rendered wall, hollow block, precast walls, concrete ceilings, calcium silicate bricks & aerated lightweight blocks.
- Not recommended for use on painted or other non-cementitious surfaces



### Surface Preparation

#### New Surface

The surface requires preparation such as the removal of dust, dirt, and foreign matter. In case of cracks, voids & damages it should be repaired. The surface should be in just-wet condition, before putty application.

#### Old Unpainted Surface

All loose material, organic growth, dirt, dust, etc. must be removed with the steel blade or wire brush. The surface should be in just-wet condition, before putty application.

#### Old Unpainted Surface

Scrub the surface with coarse wire brush/sandpaper and clean thoroughly so that it is free from old paint/dust particles till the cementitious/plastered surface is seen. The surface could be washed with water, however ensuring that surface should be in just-wet condition, before putty application\

### Very Rough Surface

If surface plaster is rough, 1 apply white cement / white cement mortar and level the surface. Cure the surface for 2 days, before starting to put on a putty coat. The surface should be in just-wet condition, before putty application.

### Old Unpainted Surface

All loose material, organic growth, dirt, dust, etc. must be removed with the steel blade or wire brush. The surface should be in just-wet condition, before putty application.

### Very Smooth Surface

If the surface was made by cement ghutai (smoothing) which normally is very smooth, bonding with putty may not become sufficiently strong. Scraping the surface with emery stone/paper is recommended before putty application. The surface should be in just-wet condition, before putty application.

### The area near the skirting

Extra care is recommended for the area adjacent to the skirting of the floor (at least an area up to one foot above the skirting ). During the grinding of the skirting and floor, the slurry is generated. It sticks to the wall and if not cleaned properly, wall putty on it will not give good results. Chances of flaking/poor adhesion. The area at least up to one foot above the skirting should be cleaned with a wire brush and washed thoroughly so that slurry deposited on the wall during grinding is removed. After drying the wall, putty can be applied as normal.

### Plaster showing sign of Efflorescence/salt deposition

If due to salty water or salts in sand/bricks, the problem of efflorescence is observed then the plastered surface should be treated with a mild acid like citric acid before application of Stiffer wall putty. Otherwise, wall putty will not stick to the wall, and problems of flaking may arise. After 30 minutes of treating the surface with a mild acid, the surface should be washed thoroughly so that no acid remains on the wall. After drying properly, wall putty can be applied as normal. This treatment should be done under proper supervision.



## Coverage

### We recommend:

- Maximum two coats (Layers) of Stiffer Wall Putty.
- The maximum thickness of the 1st coat (Layer) 1.5 mm.
- The maximum thickness of the 2nd coat (Layer) 1.0 mm.
- Approx achievable coverage is 35 sq ft./mm thickness /kg of Stiffer Wall Putty.
- For the recommended thickness above, the coverage achievable is @ 14 sq. ft/kg of Stiffer Wall Putty. Or 280 sq.ft / 20 kg. bag of Stiffer Wall Putty. However, actual coverage achieved depends on the base surface condition & finished thickness

## Application

- Ensure that the surface is plastered or made with cementitious material.
- Ensure that the surface is totally clean.
- Ensure that the surface is moderately rough (Neither too-rough nor too-smooth).
- Ensure that the surface is just-wet. Over wetting resulting in the accumulation of water on the surface should be avoided.
- Apply the first coat.
- Use spatula/blade/trowel on the wall with Configuration.
- Apply second coat preferably after @ 4 hrs in hot Season & after @ 12 hrs in the cold eason. The second coat shall be applied to even out application marks of 1st coat if any.
- Re-mix putty paste again for @ 1 minute, if it is left undisturbed for @ 30 minutes. Allow complete drying for @ 3 days and then use fine emery paper to remove application mark, if any or nd
- Half an hour after application of 2 coats smoothing could be done with a trowel.
- Paint could be done after 3 or more days of putty work but it shall be ensured that putty is completely dry before applying paint.
- Clean application tools with clean water.



# THE STYLISH HOME FROM EVERY SIDE



MAXIMUM LIFE



PRODUCT TRUST COMMITMENT



EXTRA AVERAGE FOR SAVE MONEY

## Wetting

- Usual curing with a lot of water is not needed. Keeping in view the ambient temperature, need-based wetting is recommended.
- Just-wet the surface, before putty application. After applying the first coat, wet the surface gently.
- After application of the second coat, wet the surface twice a day for at least one day, if the season demands it. Water shall be applied gently
- Once the putty paste has hardened, it shall not be used by adding water.

## Storage

- Store Stiffer Wall Putty in a dry place.
- Open the bag just before use

## Packaging

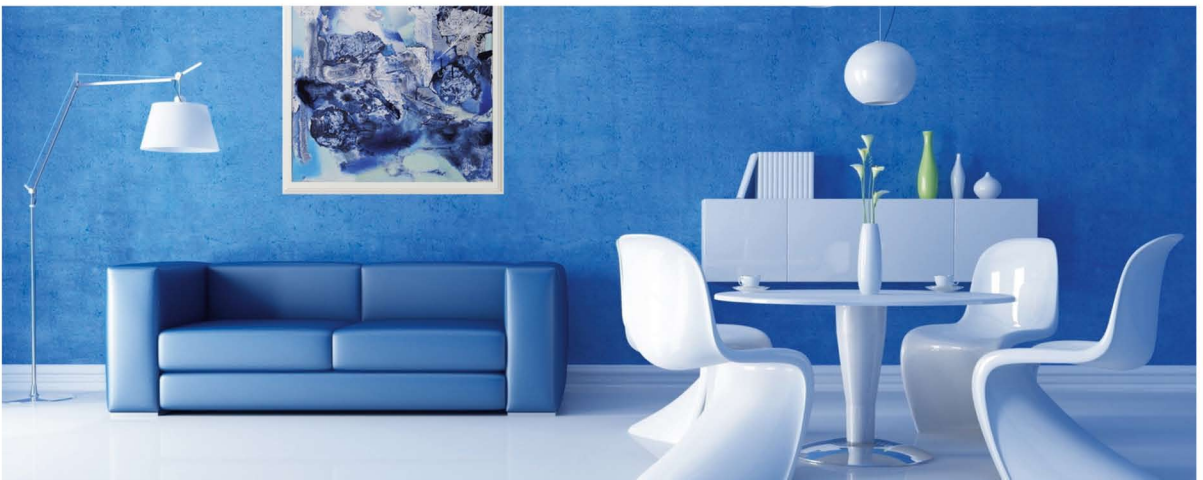
20 kg HDPE bag put into 20 kg laminated P.P. bag

## Salient Features of Stiffer Wall Putty

- We do not recommend mixing of pigments/stainers in Stiffer Wall Putty.
- The quality of a painted surface is directly proportional to the quality of an unpainted surface. Stiffer Wall Putty renders ideal Condition as an unpainted surface for paint application.
- Paint can be applied on Stiffer Wall putty with or without primer. However, the use of primer shall give a cost advantage in the case of expensive paints.
- The lustrous white and smooth surface can be left unpainted.
- The life of Stiffer Wall Putty is as long as the life of grey cement plaster underneath.
- It prevents the growth of algae and fungus on walls.
- Any kind of distemper can be applied to it directly.
- The textured finish can be obtained with the use of texturing tools.
- As prevalent in the case of other non-cement putties, primer application is not recommended before the Stiffer Wall Putty application. This saves cost.

## Precautions

- Although Stiffer Wall Putty does not contain any toxic material, use rubber gloves while mixing.
- Precaution should be taken to avoid dust inhalation while handling putty powder or during removal of application marks with fine emery paper-say wearing nose masks.
- Keep the product out of the reach of children.
- Once the putty paste has hardened, it shall not be used by adding water.



# WATER PROOFING

## Stifbond Super Latex



FOR BEST  
**WATER PROOFING**  
SOLUTION

### Product Description

Stifbond super Latex is a high-performance modified Styrene-butadiene rubber (SBR) based binder. It is recommended as a bonding agent for concrete/ mortar in a repair like spalled concrete - floors, chajjas, beams, slabs as it bonds old and new concrete surfaces strongly with plasters. It can also be used for waterproofing toilets and bathrooms, small terraces. It also serves as a bond coat for repair patchwork



## Areas Of Application

- For concrete/mortar repairs: RCC members, spalled concrete, repairing floors, beams and pre-cast slabs, chajjas
- As a polymer modified mortar/concrete in old and new constructions
- For waterproofing: Basement side walls, small roof terraces, sunken areas of toilets & bathrooms, chajjas& lift pits, balconies For Dampness & Efflorescence.
- As a bond coat: For bonding of new concrete to old concrete and in repair patchwork
- Floor screeds and toppings: Non-dusting floors

## Features & benefits

- Multipurpose: Robust product that is economical, easy to handle and has multiple applications
- Easy to mix: Compatible and faster mixing promoting worker efficiency
- Mortar modifier: Improved flexibility, low water-cement ratio and resistance to water penetration
- Bonding: Bonds strongly to concrete, plasters, masonry, cementitious surfaces
- Cracking: Reduces cracking through enhanced mortar flexural strength
- Shrinkage: Reduces drying & ageing shrinkage cracks
- Abrasion resistance: Increases wear resistance under rubber-wheeled traffic



## Direction for use

### 1. Surface Preparation

- Remove all loose concrete, grease, mould oil or curing compound of concrete surfaces using a wire brush, scrubber and suitable solvents (if required)
- Saw cut the concrete areas to a square or rectangular profile to a minimum 10 mm depth at the extreme edges to promote enhanced bond strength
- Clean the concrete surface for the regions where breaking is an issue. Roughen the surface free of loose dust and particles
- Saturate the surface thoroughly with potable water before priming. Make sure

### 2. Waterproofing Coating

- Use Stifbond Super Latex as a solution for repairs and preventive waterproofing solutions only For treating issues of dampness.
- 1:2 ratios by weight of Stifbond super Latex to cement ratio is maintained for using it as a waterproofing slurry coat
- Mix for 2-3 minutes to avoid air entrapment. Slowly, keep on adding cement to Stifbond Super Latex until the required consistency is achieved
- Mechanical stirrers are recommended for efficient mixing
- Apply 2 coats of the mix by brush in 4-6 hours on the prepared concrete substrate
- It is recommended to cover the coating with a protective screen to the desired slope & thickness

### 3. Repair Mortars & Renders

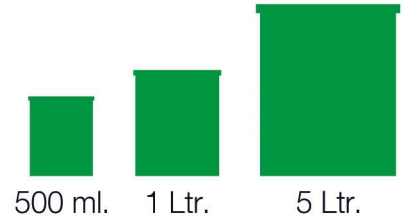
- A suitable mix ratio for patching repair mortar or render is as follows:
- Mix Design - Cement: Sand in 1:3 proportion and add STIFBOND-SUPER LATEX 7% by weight of cement and required amount of water

### 3. Bond Coat

- For bond coat application mix STIFBOND-SUPER LATEX and cement in the ratio of 1:1
- Brush apply 1 or 2 continuous coat of the mix on the prepared concrete substrate
- Ensure to overlay the repair mortar when the bond coat is still tacky. Recoat again if the tackiness is lost

## Product Information

### Packaging



### Dosage

- As a waterproofing coating: Mix proportion by weight; 1:2 Stifbond super Latex
- As a mortar modifier: 7 % Stifbond Super Latex of by weight of cement
- As a bonding agent: Mix proportion by weight; 1:1 Stifbond super Latex

### Precautions & Limitations

- Recommended dosage to be followed to achieve desired results
- When working in hot temperature conditions, extra water may be added to the repair mortar to compensate for the evaporation loss & make the mortar workable
- Surface should be in Saturated surface dry conditions
- In case of bond coat application make sure the repair mortar is overlaid when the surface is tacky. Recoat again if the tackiness is lost
- Stagnant water should be strictly avoided for application purpose

### Self life

24 months from the date of manufacture when stored in original un-opened pack under normal conditions

# Stiffer Tiles Cleaner

## Product Description

Stiffer Tile Cleaner is a fast-acting acid-based cleaner for regular cleaning of dirt and stains on the tile surface, designed for daily maintenance of tiles.

## Application

- for interior & exterior application of tile surfaces
- Shake the bottle and pour on the stained surface.
- Allow it to stand for 2-3 minutes to allow it to react with the stain.
- Rinse it with water and repeat the procedure if needed.

## Caution

- Please note that this is an acidic based cleaner and hence care should be taken while using the same.
- Please wear hand gloves, nose cover and wear eye protection before and while using the product.
- Keep out of Reach of Children.

## Features

- For ceramic & vitrified tiles.
- Removes tough stains.
- Use directly or add water.
- Ideal for interior & exterior.
- Anti Germs & Anti Stains.

## Shelf Life

1 year

## Packaging

500ml



# Grout Admix

## Product Description

Grout admix is specially designed latex admix to be used with sanded & unsanded Grout

## Application

It improves the Performance of Portland cement Grout for all type of Ceramic tile, brick, marble, natural Stone And Agglomerate Stone Installations.

## Benefits

- Easy To Clean
- Colour-fastness
- Flexibility
- Compressive strength
- Reduces water absorption
- Shock and Chemical Resistance



## Shelf Life

2 year

## Packaging

200 ml



# Stiffer Tiles Leveling System

## Specification

Material : Plastic

Wedges : Pp, Clips : Pe

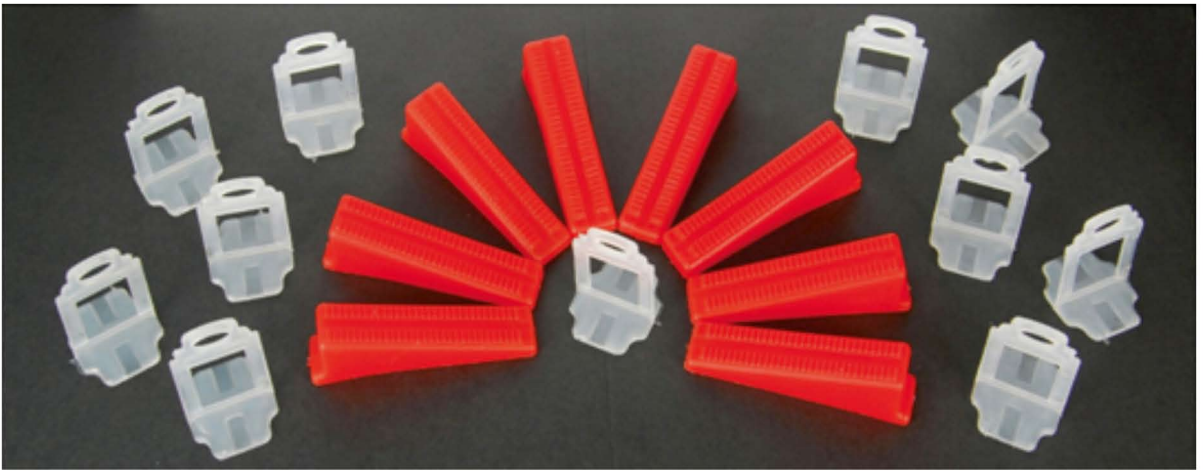
Color : Red, Yellow Wedges / Clear White Clips Leveler

Tile Space / Gap : 1mm

Tile Thickness : 3mm-14mm

One Pouch Wedges 50 Pcs & Clips 50 Pcs

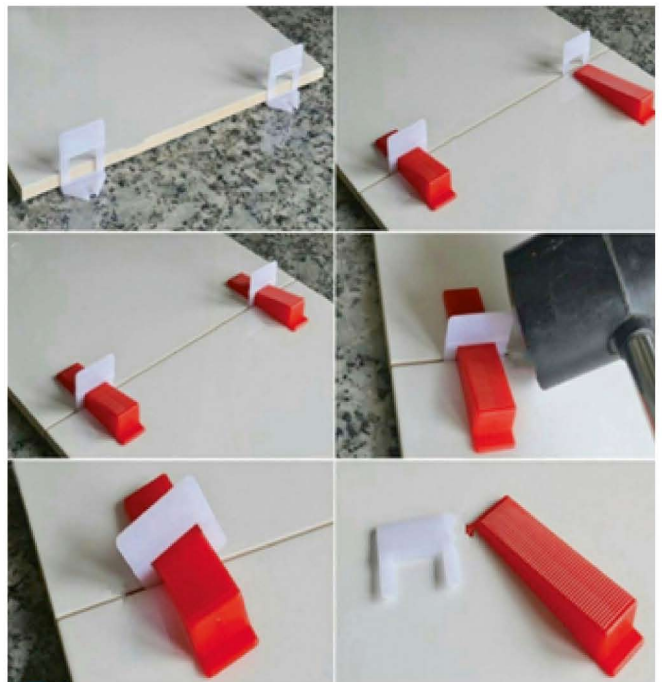




## Features

You can quickly adjust and maintain the flatness between tiles. Prevent displacement in cement or tile with the tile adhesive solidification process.

Simple operation easy to use, very easy to use. Greatly improves the speed of paving tiles, and reduces the difficulty of paving tiles. Stiffer Tile Leveling device (adjusts the horizontal between tiles). Stiffer Tile Levelling system helps you achieve a smooth surface with great ease and makes the surface look grace full. After the end of work, with your foot kick out or with a rubber mallet knock out along the slit direction. wedge spacer once removed can be used again (i.e they are reusable)



## How To Use

- Insert clear clips under the brick.
- Clamp between the two boards, and then stuck the Red Wedges into the Clear Clips.
- Adjust the horizontal between tiles.
- With a rubber mallet knock out along the slit direction or with your foot kick out all the clips.



# Stiffer Tile Spacers

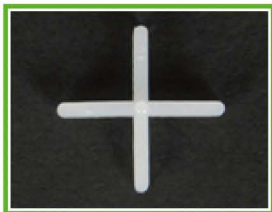
## Product Description

Stiffer tile spacers can aid in giving your job a stiffer professional finish (as well as providing a variety of design or style options for your buyers) and are available in a range of sizes & shapes.

Stiffer tile spacers allow you to achieve a consistent pattern when fixing wall/floor tiles and help to ensure that all tiles are been placed equidistant from each other (providing a symmetrical & finish - as you or your buyer/customer would expect) for the stifferoxy-310 to then be applied.



Packing :- 100 pcs. In one pouch



2mm



3mm



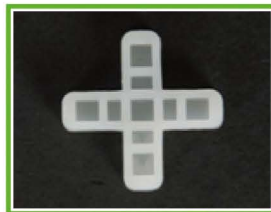
4mm



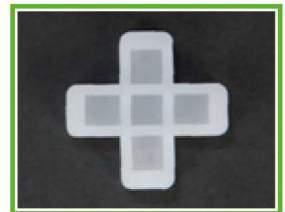
5mm



6mm



8mm



10mm



# Stiffer Tiles Leveling Pliers



## Product Description

the floor pliers are made of high-quality plastic and metal, sturdy. Adjustable and durable to use. Lightweight, easy to carry and use. Your hands feel better. Made to provide high precision, comfort during the tile installation process. Ergonomically designed to help to speed up tile installation. Specifically angled pliers for use on floors. Tiles are pushed, not lifted providing better tile adhesion. Improves speed of tile laying. The most economical tile levelling system available.

## Features

- Made of high-quality plastic and metal, sturdy.
- Adjustable and durable to use.
- Light weight, easy to carry and use.
- Made to provide high precision, comfort during the tile installation process.
- Ergonomically designed to help to speedup tile installation. Tiles are pushed, not lifted providing better tile adhesion.

## Specification

Material : Plastic and metal

Color : Black, as picture shows

Size : Approx. 24\*12cm / 9.4\*4.7 inch

Weight : Approx. 257g



**STIFFER**<sup>®</sup>  
BONDING EXPERT

## Note

Lined writing area with horizontal dashed lines.



**STIFFER**<sup>®</sup>  
BONDING EXPERT



# Note

Lined area for notes, featuring horizontal dashed lines and a large, faint watermark of the Stiffer logo.



**STIFFER**<sup>®</sup>  
BONDING EXPERT

Mfg. by:

**INFINITY INDIA CHEMICALS**

At. Bela, Jetpar Road, Near Seven Cera Mall, Morbi - 363 642.

Dist. Morbi, Gujarat (INDIA)

Email : [info@stiffer.in](mailto:info@stiffer.in)

Web. : [www.stiffer.in](http://www.stiffer.in)

Customer Care No. : +91-89807 77177

