## SUNHEARRT CERAMIK

Adding a **Touch of Quality** to Your Dream Space



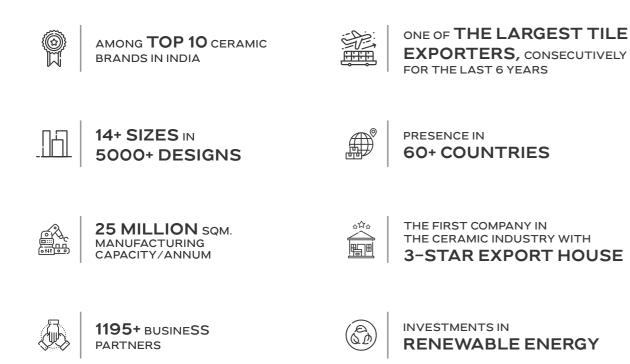


### SUNHEARRT INTRODUCTION

# Path-breaking innovations with a Promise of quality!

Inspired in collection, and unmatched in design; Sunhearrt, a brand by Sunshine Tiles Company Pvt. Ltd., through its novel technology and product introductions, is leading the Ceramic industry to achieve a peerless national and global reputation in becoming a single-stop solution for any space amplification. Penetrating the industry with an everexpanding portfolio, Sunhearrt has now diversified its core strength of Ceramics, and Vitrified tiles into GVT/PVT, Porcelain, Sanitaryware, as well as a range of complete Tiling Solutions.

# Company strength and achievements that defines our place in the industry.



## Our Collection Offers a **Wide Range** of Products for Achieve Tiling Perfection

■	■	■
TILE	GROUT	TILE
ADHESIVE	ADMIX PLUS	<b>Cleaner</b>
EPOXY GROUT ( <b>GRIPOXY</b> )	WATER PROOFING	■ G40 <b>GEL</b>

## **Application Areas**







HOSPITALS



TILE GROUT

PU ADHESIVE

### TILE SPACERS

BLOCK JOINT

TILE Equalizer

WALL PUTTY



DMMERCIAL BUILDING



HOTELS & ESTAURANTS





SPORT & URBAN FITTINGS





### NSA GP (GRAY) Interior Wall & Floor Tile Adhesive

NSA GP is a polymer-modified, gray cement-based thin set tiles adhesive for fixing high porosity tiles like ceramic/clay tiles, terracotta and quarry tiles of regular sizes. it is suitable for horizontal surface over the cementitious substrate for indoor application in dry areas.



#### FEATURES AND ADVANTAGES

•Easy to use-just add water on site.

•Can be used in internal areas, for floor application as well as wall application. •Good adhesive-bond strength & bonds to various cement-based substrates. •Self-curing properties, which allow hassle-free application with minimum labor. •NSA GP meets the adhesion requirements as per IS 15477:2019 TYPE 1.

#### **APPLICATION** AREAS

 Vitrified •Ceramic Tiles on Floor & Wall •Tile-On-Tile Application

\*Only recommended for external floor application. Consult with Sunhearrt technical team for fixing on external wall application.

TESTING PROPERTIES
Tentative Mixing Ratio (Powder:Water)
Open Time IS 15477:2019
Adjustability IS 15477:2019
Pot Life
Adhesive Thickness
Setting/Trafficable/Grouting Time

#### PERFORMANCE PROPERTIES AS PER IS 15477:2019 (TYPE 1)

TESTING PROPERTIES	REQUIREMENTS	TEST RESULTS
Tensile Adhesion Dry Condition	≥0.5 N/mm2	0.64 N/mm2
Shear Adhesion Dry Condition	≥1.0 N/mm2	1.24 N/mm2
Shear Adhesion At Wet Condition	N/A	1.0-1.30 N/mm2
Shear Adhesion At Heat Aging Condition	N/A	1.0-1.35 N/mm2

Note: Test results are indicatives as per testing methods specified in standard condition & testing machine etc. Actual field performance will depends on installation methods and site condition.

#### **COVERAGE** ESTIMATES

PACKAGE SIZE	
20 kg	

#### **TECHNICAL INFORMATION APPLICATION PROPERTIES**

TEST RESULTS	
3:1 By Volume 1:24 By Weight	
Approx. 30 Minutes	
Approx. 35 Minutes	
Approx. 90 Minutes	
3-12 mm2	
4 hours	

#### COVERAGE





Exterior, Tile on Glass & Swimming Pool

NSA GOLD (Gray) is a highly polymer-modified, thin set adhesive for fixing all types of ceramic, semi-vitreous, vitrified tiles and natural stones, on variety of surfaces. it is suitable for both horizontal and vertical surface applications, in dry as well as wet condition areas. It is also recommended for tile on tile applications.





#### FEATURES AND ADVANTAGES

•Easy to use- just add water on site, ready to use. •High polymer-modified provides high adhesion and strength, which allows to bond with various surface for fixing

variety of tiles and stones.

•Slip/sag resistance provides hassle-free application on vertical walls. •NSA GOLD meets the adhesion requirements as per IS 15477:2019 TYPE 2.

#### **APPLICATION** AREAS

 Vitrified •Ceramic Tiles on Floor & Wall •Tile-On-Tile Application

\*Only recommended for external floor application. Consult with Sunhearrt technical team for fixing on external wall application.

TESTING PROPERTIES	
Tentative Mixing Ratio (Powder:Water)	
Open Time IS 15477:2019	
Adjustability IS 15477:2019	
Pot Life (@27° Centigrade)	
Adhesive Thickness	
Setting/Trafficable/Grouting Time	

#### PERFORMANCE PROPERTIES AS PER IS 15477:2019 (TYPE 2)

TESTING PROPERTIES	REQUIREMENTS	TEST RESULTS
Tensile Adhesion Dry Condition	≥1.0 N/mm2	1.27 N/mm2
Tensile Adhesion At Wet Condition	≥1.0 N/mm2	1.23 n/mm2
Shear Adhesion Dry Condition	≥1.25 N/mm2	1.41 N/mm2
Shear Adhesion At Wet Condition	≥1.0 N/mm2	1.29 N/mm2
Shear Adhesion At Heat Aging Condition	≥1.0 N/mm2	1.31 N/mm2
Slip Resistance	0.5 mm max	0.21 mm
Deformability	2.5-5.0 mm max	3.43 mm

Note: Test results are indicatives as per testing methods specified in standard condition & testing machine etc. Actual field performance will depends on installation methods and site condition.

#### **COVERAGE** ESTIMATES

PACKAGE SIZE	
20 kg	

#### **TECHNICAL INFORMATION APPLICATION PROPERTIES**

TEST RESULTS	
3:1 By Volume 1:24 By Weight	
Approx. 30 Minutes	
Approx. 35 Minutes	
Approx. 90 Minutes	
3-12 mm	
24 hours	

#### COVERAGE





### **NSA DIAMOND** Glass Mosaic & Swimming Pool

The NSA DIAMOND White and Gray adhesive has been specifically formulated to install glass mosaic and standard tiles in swimming pool areas. These adhesives are available in both white and gray colors. We provide a higher performance adhesive option for applications other than those mentioned below.



#### FEATURES AND ADVANTAGES

•Easy to use-just add water on site, ready to use. •High polymer-modified provides high adhesion and strength, which allows to bond with various surface for fixing variety of tiles and stones. •Slip/sag resistance provides hassle-free application on vertical walls. •Suitable for wet area & commercial floors too.

•NSA Diamond meets the adhesion requirements as per IS 15477:2019 TYPE 3.

#### **APPLICATION** AREAS

 Vitrified •Ceramic Tiles on Floor & Wall •Tile-On-Tile Application

\*Recommended for external and internal application. Consult with Sunhearrt technical team.

#### **TECHNICAL INFORMATION** APPLICATION PROPERTIES

TESTING PROPERTIES	
Tentative Mixing Ratio (Powder:Water)	
Open Time IS 15477:2019	
Adjustability IS 15477:2019	
Pot Life (@27° Centigrade)	
Adhesive Thickness	
Setting/Trafficable/Grouting Time	

#### PERFORMANCE PROPERTIES AS PER IS 15477:2019 (TYPE 3)

TESTING PROPERTIES	REQUIREMENTS	TEST RESULTS
Tensile Adhesion Dry Condition	≥1.5 N/mm2	1.66 N/mm2
Tensile Adhesion At Wet Condition	≥1.0 N/mm2	1.32 n/mm2
Shear Adhesion Dry Condition	≥1.5 N/mm2	1.71 N/mm2
Shear Adhesion At Wet Condition	≥1.0 N/mm2	1.32 N/mm2
Shear Adhesion At Heat Aging Condition	≥1.0 N/mm2	1.34 N/mm2
Slip Resistance	0.5 mm max	0.20 mm
Deformability	2.5-5.0 mm max	3.44 mm

Note: Test results are indicatives as per testing methods specified in standard condition & testing machine etc. Actual field performance will depends on installation methods and site condition.

#### **COVERAGE** ESTIMATES

PACKAGE SIZE
20 kg

TEST RESULTS				
3:1 By Volume 1:24 By Weight				
Approx. 30 Minutes				
Approx. 25 Minutes				
Approx. 90 Minutes				
3-12 mm				
24 hours				

#### COVERAGE





### **NSA PLATINUM** Exterior Tile, Tile on Tile & Swimming Pool

NSA PLATINUM is a high polymer-modified & high flexible adhesive with enhanced properties of slip resistance, extended open time & excellent adhesion strength which are required for fixing large format tiles, natural stones, slim tiles on both horizontal and vertical surface for internal and external application.





Net wt. **20kg** 

#### FEATURES AND ADVANTAGES

•Easy to use-just add water on site, ready to use.

- various surface for fixing variety of tiles and stones.
- •Slip/sag resistance provides hassle-free application on vertical walls. •Suitable for wet area & commercial floors too.

#### **APPLICATION** AREAS

 Vitrified •Ceramic Tiles on Floor & Wall •Tile-On-Tile Application

\*Recommended for external and internal application. Consult with Sunhearrt technical team.

TESTING PROPERTIES				
Tentative Mixing Ratio (Powder:Water)				
Open Time				
Adjustability				
Pot Life (@27° Centigrade)				
Adhesive Thickness				
Setting/Trafficable/Grouting Time				

#### PERFORMANCE PROPERTIES AS PER IS 15477:2019 (TYPE 2)

TESTING PROPERTIES	REQUIREMENTS	TEST RESULTS
Tensile Adhesion Dry Condition	≥1.5N/mm2	1.71 N/mm2
Tensile Adhesion At Wet Condition	≥1.0 N/mm2	1.35 N/mm2
Shear Adhesion Dry Condition	≥t5 N/mm2	1.74 N/mm2
Shear Adhesion At Wet Condition	≥1.0 N/mm2	1.33 N/mm2
Shear Adhesion At Heat Aging Condition	≥1.0 N/mm2	1.36 N/mm2
Slip Resistance	0.5 mm max	0.15 mm
Deformability	2.5-5.0 mm max	3.55 mm

Note: Test results are indicatives as per testing methods specified in standard condition & testing machine etc. Actual field performance will depends on installation methods and site condition.

#### **COVERAGE** ESTIMATES

PACKAGE SIZE	
20 kg	

•High polymer-modified provides high adhesion and strength, which allows to bond with

#### **TECHNICAL INFORMATION APPLICATION PROPERTIES**

TEST RESULTS			
3:1 By Volume 1:0.24 By Weight			
Approx. 30 Minutes			
Approx. 23 Minutes			
Approx. 90 Minutes			
3–12 mm			
24 hours			

#### COVERAGE





### **BLOCK JOINTING** MORTAR

Sunhearrt Block Jointing Mortar is a factory-prepared blend of carefully selected raw materials, Portland cement, graded aggregates and polymers. It is suitable to use with water to produce high strength thixotropic mortar, ideal for laying aerated light weight concrete, fly ash bricks, cement hollow blocks, cellular concrete blocks or smoothing over the block work surface in layers of up to 12mm thickness.

#### FEATURES AND ADVANTAGES

•Easy to use- just add water to powder. •High durability. •Improved adhesion between two blocks. •Fast & economical.

#### **APPLICATION** AREAS

•For interior and exterior use for In buller forms preparing thin bed block mortar for AAC and Cellular Concrete Blocks.

#### PERFORMANCE PROPERTIES AS PER IS 15477:2019 (TYPE 2)

TESTING PROPERTIES	TEST RESULTS	
Color	Grey	
Mixing ratio	9–10 liters per 40 kg	
Open time IS 15477:2019	Approx. 20 minutes	
Adjustability IS 15477:2019	Approx. 20 minutes	
Pot life	Approx. 120 minutes	
Initial & final setting time	240 min &360 min	
Tensile adhesion strength	≥1.00 N/mm2 (at the age of 28 days)	
Compressive strength	12 Mpa (at the age of 28 days)	

Note: Test results are indicatives as per testing methods specified in standard condition & testing machine etc. Actual field performance will depends on installation methods and site condition.

#### **COVERAGE** ESTIMATES

PACKAGE SIZE	
40 kg	A is ba siz

#### COVERAGE

Approximately 100–130sq.ft.per 40kg bag. Coverage ased on smoothness and evenness of the substrate, e of blocks used and the thickness of mortar used.



### **PU ADHESIVE** PU Epoxy-Modified Adhesive

PU Adhesive is a two-component Modified Polyurethane Epoxy Adhesive Designed for fixing all types of Tiles & Stones including Composites, Engineered/Nano Stone, Metal & Glass Tiles on Interior & Exterior Floor & Wall.

#### FEATURES AND ADVANTAGES

- •Easy to use- just mix part A and part B.
- •Highly flexible and superior bonding strength.
- •Slip/sag resistance provides hassle free application on vertical walls.
- •Suitable for multiple substrate including metal, glass, plywood & dry wall.
- •Ideal for agglomerates & moisture sensitive tiles/stones.

#### **APPLICATION** AREAS

- •Wall & Floors Interiors & Exteriors •Window / Door Frame Vibrational Area •Kitchens - Balconies •Flat Roofs, •Domes
- Terrace •Domestic Application •Commercial Application Industrial Application.

#### **TECHNICAL INFORMATION APPLICATION PROPERTIES**

PROPERTIES	RESULTS
Tentative mixing ratio	Part A 3.200 kg & Part B 800 qm.
Mixing material appearance	Off white paste
Open time	Min. 60 minutes
Adjustability	Min. 60 minutes
Pot life	Min. 60 minutes
Adhesive thickness	3-12 mm
Setting/Trafficable/Grouting Time	24 hours

#### PERFORMANCE PROPERTIES AS PER IS 15477:2019 (TYPE 5, S2)

TESTING PROPERTIES	TEST RESULTS
Tensile Adhesion Dry Condition	3.0 N/mm 2
Tensile Adhesion At Wet Condition	≥1.5 N/mm 2
Shear Adhesion Dry Condition	≥7.2 N/mm 2
Shear Adhesion At Wet Condition	≥6.1 N/mm 2
Shear Adhesion At Heat Aging Condition	≥6.1 N/mm 2
Slip Resistance	≥0.5 mm
Deformability	25 mm

Note: Test results are indicatives as per testing methods specified in standard condition & testing machine etc. Actual field performance will depends on installation methods and site condition.





## G40 GEL

G40 Gel is multipurpose gel adhesive for fixing ceramic, porcelain and natural stone of all type and formats.

#### FEATURES AND ADVANTAGES

•Easy to use- just mix powder and water. •High adhesion and deform ability. •Ideal for swimming pool and heavy foot traffic environments.

- •Suitable for residential, commercial and
- infrastructure projects.

#### **APPLICATION** AREAS

- •Wall & Floors Interiors & Exteriors •Window / Door Frame Vibrational Area •Kitchens – Balconies •Flat Roofs, •Domes
- Terrace Domestic Application Commercial Application Industrial Application.

#### TECHNICAL INFORMATION APPLICATION PROPERTIES

PROPERTIES	
Tentative Mixing Ratio (Powder : Water)	
Open time	
Adjustability	
Pot life	
Adhesive thickness	
Setting/Trafficable/Grouting Time	

#### PERFORMANCE PROPERTIES AS PER IS 15477:2019 (TYPE 5, S2)

TESTING PROPERTIES	REQUIREMENTS	TEST RESULTS
Tensile Adhesion Dry Condition	≥2.5N/mm2	≥2.6 N/mm2
Tensile Adhesion At Wet Condition	≥1.0 N/mm2	≥1.2 N/mm2
Shear Adhesion Dry Condition	≥2.5 N/mm2	≥2.7 N/mm2
Shear Adhesion At Wet Condition	≥1.0 N/mm2	≥1.2 N/mm2
Shear Adhesion At Heat Aging Condition	≥1.0 N/mm2	≥1.2 N/mm2
Slip Resistance	0.5 mm max	≥0.5 mm
Deformability	2.5-5.0 mm max	2.5-5.0 mm

Note: Test results are indicatives as per testing methods specified in standard condition & testing machine etc. Actual field performance will depends on installation methods and site condition.

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#### POLYMER-MODIFIED TILE GROUT



#### **PRODUCT DETAILS**

Our polymer-modified TILE GROUT is a waterresistant and cement-based high-quality fine powder. It is suitable for floor tile and wall tile joints.

#### APPLICATION INSTRUCTIONS

Mix 1kg of TILE GROUT with 250gm of water. Add 100gm GROUT ADMIX to make a uniform paste and mix well using a spatula.

### **POLYMER MODIFIED** TILE GROUT

Suitable for Floor and Wall Tile Joints



#### **TECHNICAL** INFORMATION

PROPERTIES	RESULTS
Pot Life @ 25°C	120 Min.
Open Time	60 Min.
Adjustability Time	15-20 Min.
Initial Setting Time	2 Hrs.
Final Setting Time	8 Hrs.
Shrinkage	<0.1%



### **WALL PUTTY** Smooth · Shiny · Finish



#### MIXING RATIO

5-8 liters of water in a 20 kg Sunhearrt wall putty bag.

#### COVERAGE

Using a putty knife, apply two coats of Sunhearrt Wall Putty on rough masonry surfaces at a rate of 1-1.5 square meters per kilogram for a total thickness of up to 1.5 mm over two coats

#### **PRODUCT DETAILS**

White cement and flexible polymer-based powder putty is formulated to prepare surfaces for painting. Sunhearrt Wall Putty achieves a smooth, shiny, and silky finish, making it easy to apply any kind of paint color.

#### **APPLICATION INSTRUCTIONS**

- •Easy to apply on wall
- •White smooth & finish putty
- It makes paint durable
- •Protects paint from moisture
- •Curing is not required
- •Ideal for interior & exterior walls

#### CLEANER



**TILE CLEANER** 

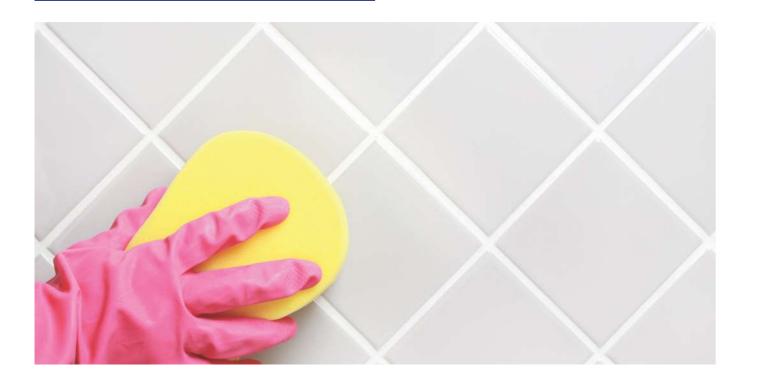
#### PRODUCT DETAILS

Our TILE CLEANER is a powerful heavy-duty acidbased cleaner for ceramic tiles for floors and walls. This cleaner can be easily applied to both horizontal and vertical surfaces, where it remains in contact with the area to be cleaned. It is designed for the removal of cement film residues, efflorescence and limescale.

#### NOTE

Do not use on surfaces that are not resistant to acids such as Marble or Terrazzo.

Fast Acting Tile Cleaner for Ceramic Tiles



#### TECHNICAL INFORMATION

PROPERTIES	RESULTS
Joint Width	2 To 25 Min.
Gel Time	60 Min.
Setting Time	48 Hrs.
Specific Gravity	1.75
Water Absorption	Nil



### ADMIXTURE GW+



#### ADMIXTURE

#### PRODUCT DETAILS

SUNHEARRT GW+ is a specially formulated integral liquid waterproofing compound composed of surface-active plasticizing agents, polymer and additives. It is used as an additive for concrete and plaster.

#### PACK SIZES

1 LTR | 5 LTR | 20 LTR | 50 LTR | 200 LTR

Integral Liquid Waterproofing Compound for Concrete and Plaster (Admixture)

#### EPOXY GROUT (GRIPOXY)



### EPOXY GROUT (GRIPOXY)

#### **PRODUCT DETAILS**

SUNHEARRT GRIPOXY is stain-free, hygienic, hardwearing, impervious, epoxied resin-based grout with a high degree of resistance to chemical attack, abrasion and impact. The cured grout does not transfer taints to food and other stuff.

#### APPLICATION INSTRUCTIONS

This material is available in three-part, Part A (Resin), Part B (Hardener) and Part C (Filler). First, mix Parts A and B thoroughly and as mixing becomes uniform add Part C and make it a consistent paste. Then apply this paste to substrates with its proper appliances.

Resin Based 3 Part Epoxy Tile Grout for Wall Tiles and Floor Tiles

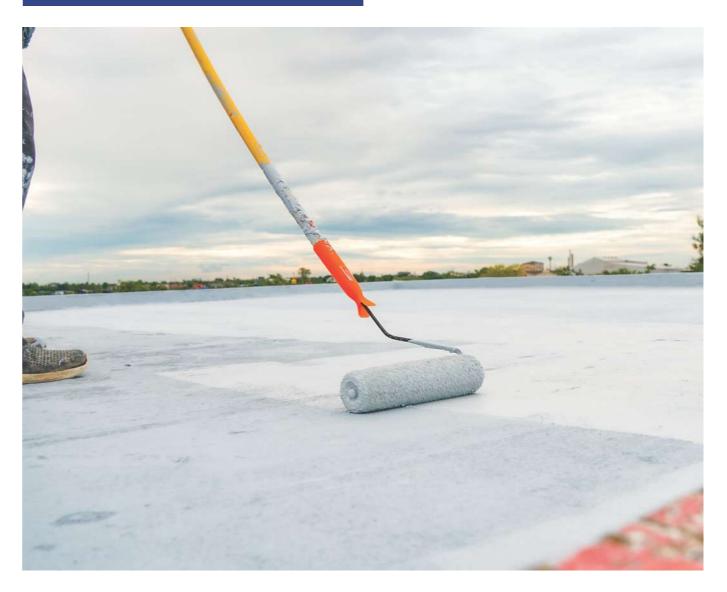


#### TECHNICAL INFORMATION

PROPERTIES	RESULTS
Joint Width	2 To 25 Min.
Gel Time	60 Min.
Setting Time	48 Hrs.
Specific Gravity	1.75
Water Absorption	Nil



### SBR LATEX (GWP - 103)



WATER PROOFING

#### **PRODUCT DETAILS**

SRB LATEX GWP-103 is latex for waterproofing and repairs. It also works as a bonding agent for mortar and screed.

#### PACK SIZES

1 LTR | 5 LTR | 20 LTR | 50 LTR | 200 LTR

Latex for Waterproofing and Repairs, Bonding Agent for Mortar and Screed

#### GROUT ADMIX PLUS

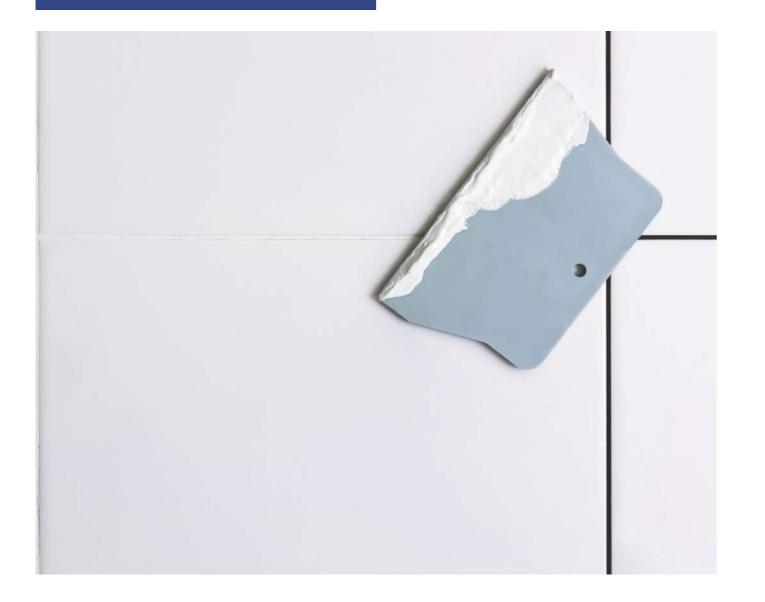


#### **PRODUCT DETAILS**

GROUT ADMIX PLUS is specially designed latex based grout hardner, to be used with sanded and unsanded grout. It improves the performance of cement grouts for all type of ceramic tiles, brick, marble, natural stone and agglomerate stone installations.

## GROUT ADMIX PLUS ---

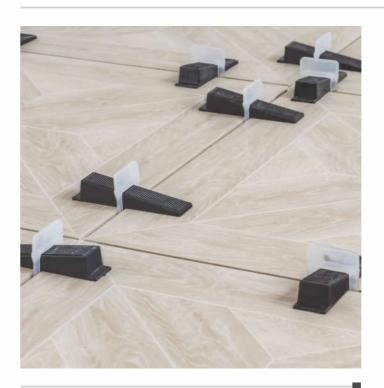
Suitable for Making All the Cement Based Grout Flexible





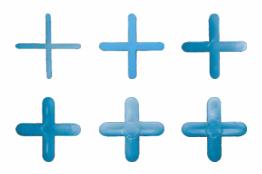
AVAILABLE SIZES 2mm | 3mm | 4mm | 5mm | 6mm | 10mm

PACK SIZE 100 PCS / PKT



AVAILABLE SIZES CLIP 50 PCS/PKT | WEDGE 50 PCS/PKT





### **TILE SPACERS**

To Make Space Between Wall Tiles, Floor Tiles, etc.

LEVELER KIT



### TILE EQUALIZER

For Tiles Leveling and Equalizing Surface

#### ACCESSORIES





NOTES

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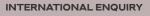
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