



POLYMER MODIFIED
TILE ADHESIVE

POLYMER MODIFIED
TILE GROUT

EPOXY GROUT
GROOTPOXY



WE WILL
BUILD YOUR
DREAM HOME

We are serving top grade quality material for better Installation with better service

Grootchem is a leading player in building materials spaces. Our aim is long life relationship with our customers and users. We have established our prestige as a pioneer organization that has consistently set new standards with our innovative research and product development. Whether you are installing a ceramic floor or tiling of any spaces, we have the adhesive to meet your most challenging requirements.

We offer a comprehensive system of tile and polymer modified tile adhesive, Polymer Modified Tile Grout, Grout Admix Plus, Epoxy Grout Grootpoxy, Tile Cleaner, Tile Spacer and Trowel for professional installers, architects and designers.

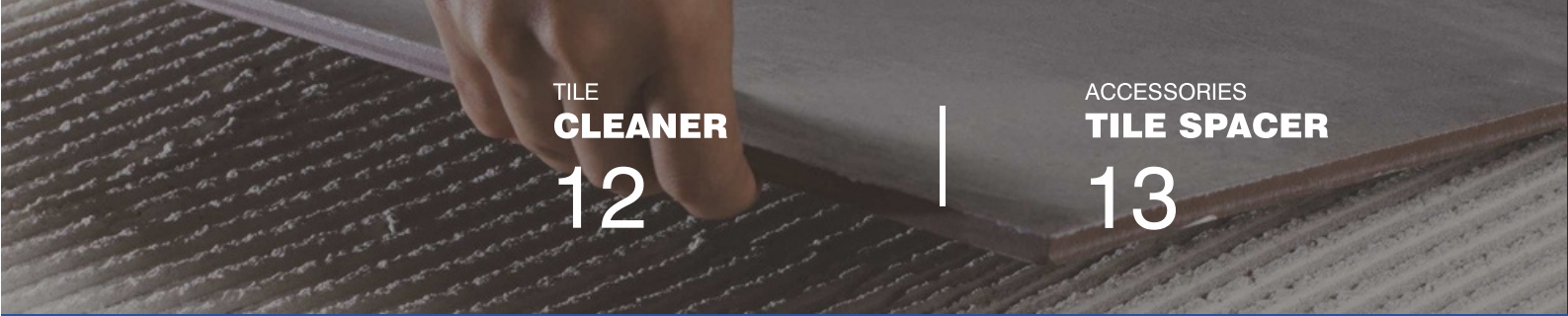


APPLICATION AREA

To be the leading contributor of premium construction products by always adopting the latest technology and adding value in every application and building the strong architecture.



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POLYMER MODIFIED TILE ADHESIVE

NSA GP

Interior Wall & Floor Tile Adhesive

NSA GP (Gray), high polymer modified cement based tile adhesive. Suitable for fixing small wall and floor tiles in internal situation. Applications in difficult and demanding situations consult GROOTCHEM regarding use of a higher performance adhesive.

APPLICATION AREA :
Wall, Floors, Interiors, Dry & Wet Areas, Shower, Bathroom.

- FEATURES :**
- » Premium quality Polymer modified adhesive
 - » Suitable for fixing ceramic tiles for floor & walls
 - » Good strength for Interior decor
 - » User friendly and easy blending application
 - » NSA GP meets the adhesion requirements

TECHNICAL INFORMATION	
PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	Gray
Pot Life @ 25°C, minutes	>20
Adjustability time, minutes	15 Min, 30°C
Open time	30 Min, 30°C
Trafficable time, Hrs	24
Shear adhesion	11.0 KN After/4 Day
Tensile adhesion	0.8 KN/4 Day

COVERAGE ESTIMATES	
Pack Size	COVERAGE
20 kg.	Approximately 40-45 Sq.ft/20kg. @ 4mm thickness when using a thin trowel



NET Wt.
20kg.





NET Wt.
20kg.



POLYMER MODIFIED **TILE ADHESIVE**

NSA GOLD

Interior Wall & Floor Tile Adhesive

NSA GOLD (Gray), high polymer modified cement based tile adhesive. Suitable for fixing small wall and floor tiles in internal situation. Applications in difficult and demanding situations consult GROOTCHEM regarding use of a higher performance adhesive.

APPLICATION AREA :

Wall, Floors, Interiors, Dry & Wet Areas, Shower, Bathroom, Swimming Pool, Door, Window Seal.

FEATURES :

- » Premium quality Polymer modified adhesive
- » Suitable for fixing ceramic tiles for floor & walls
- » Good strength for Interior decor
- » User friendly and easy blending application
- » NSA GOLD meets the adhesion requirements

TECHNICAL INFORMATION

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	Gray
Pot Life @ 25°C, minutes	>20
Adjustability time, minutes	15 Min, 30°C
Open time	30 Min, 30°C
Trafficable time, Hrs	24
Shear adhesion	12.0 KN After/4 Day

COVERAGE ESTIMATES

Pack Size	COVERAGE
20 kg.	Approximately 40-45 Sq.ft/20kg. @ 4mm thickness when using a thin trowel

POLYMER MODIFIED
TILE ADHESIVE

NSA DAIMOND (Gray / White)
Interior Wall & Floor Tile Adhesive

NSA DIAMOND (Gray / White), high polymer modified cement based tile adhesive. Suitable for fixing small wall and floor tiles in internal situation. Applications in difficult and demanding situations consult GROOTCHEM regarding use of a higher performance adhesive.

APPLICATION AREA :
Wall, Floors, Interiors, Dry & Wet Areas, Shower, Bathroom, Swimming Pool, Door, Window Seal.

- FEATURES :**
- » Premium quality Polymer modified adhesive
 - » Suitable for fixing ceramic tiles for floor & walls
 - » Good strength for Interior decor
 - » User friendly and easy blending application
 - » NSA DIAMOND meets the adhesion requirements

TECHNICAL INFORMATION	
PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	Gray / White
Pot Life @ 25°C, minutes	>20
Adjustability time, minutes	15 Min, 30°C
Open time	30 Min, 30°C
Trafficable time, Hrs	24
Shear adhesion	14.0 KN After/4 Day

COVERAGE ESTIMATES	
Pack Size	COVERAGE
20 kg.	Approximately 40-45 Sq.ft/20kg. @ 4mm thickness when using a thin trowel



NET WT.
20kg.



NET Wt.
20kg.

POLYMER MODIFIED **TILE ADHESIVE**

NSA PLATINUM (Gray / White) Interior Wall & Floor Tile Adhesive

NSA Platinum (Gray / White), high polymer modified cement based tile adhesive. Suitable for fixing small wall and floor tiles in internal situation. Applications in difficult and demanding situations consult GROOTCHEM regarding use of a higher performance adhesive.

APPLICATION AREA :

Wall, Floors, Interiors, Dry & Wet Areas, Shower, Bathroom, Swimming Pool, Door, Window Seal.

FEATURES :

- » Premium quality Polymer modified adhesive
- » Suitable for fixing ceramic tiles for floor & walls
- » Good strength for Interior decor
- » User friendly and easy blending application
- » NSA PLATINUM meets the adhesion requirements

TECHNICAL INFORMATION

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	Gray / White
Pot Life @ 25°C, minutes	>20
Adjustability time, minutes	15 Min, 30°C
Open time	30 Min, 30°C
Trafficable time, Hrs	24
Shear adhesion	14.0 KN After/4 Day

COVERAGE ESTIMATES

Pack Size	COVERAGE
20 kg.	Approximately 40-45 Sq.ft/20kg. @ 4mm thickness when using a thin trowel



POLYMER MODIFIED TILE GROUT

Polymer Modified Water Resistant Tile Grout For Floor And Wall Tile Joints.

PRODUCT DETAILS:
A high quality fine polymer modified water resistant cement based powder grout, suitable for floor tile and wall tile joints. Up to 3 mm

APPLICATION INSTRUCTION:
Mix TILE GROUT 1 kg with 250 gm. Water add 100 gm. GROUT ADMIX + Make uniform paste as easily put into tile grout by spatula



GROUT ADMIX PLUS

Suitable For Making All The Cement Based Grout Flexible

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



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%



EPOXY GROUT

GROOTPOXY

Resin Based 3 Part Epoxy Tile Grout For Wall Tile And Floor Tiles

PRODUCT DETAILS:
GROOTCHEM is stain free, hygienic, hard-wearing, 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 foodstuffs.

APPLICATION INSTRUCTION:
This material is available in three part, Part A (Hardener), Part B (Resin) and Part C (filler).
First Mix Part A and B thoroughly as mixing become uniform.
Then add Part C and make is consistence paste.
Then apply in substrates by its proper appliances.

TILE

CLEANER

Fast Acting Tile Cleaner For Ceramic Tiles

PRODUCT DETAILS:
A powerful heavy duty acid based cleaner for ceramic tiles for floor and wall. The cleaner can be easily applied to both horizontal and vertical surface, where it remains in contact with the area to be cleaned. Heavy duty tile cleaner is designed for removal of cement film residues, efflorescence and lime scale.

NOTE:
Do Not Use On Surfaces That Are Not Resistance To Acid Such As Marble/terrazzo.



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



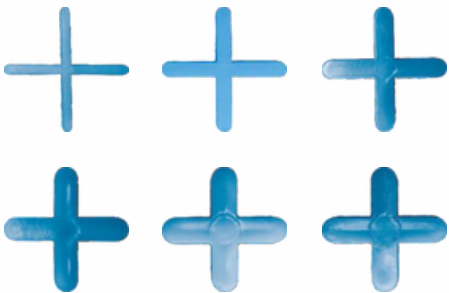
ACCESSORIES

TILE SPACER

To Make Space Between Tiles. Wall Tile, Floor Tiles, Etc...

AVAILABLE SIZE:
2mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm

PACK SIZE:
100 pcs. / pkt

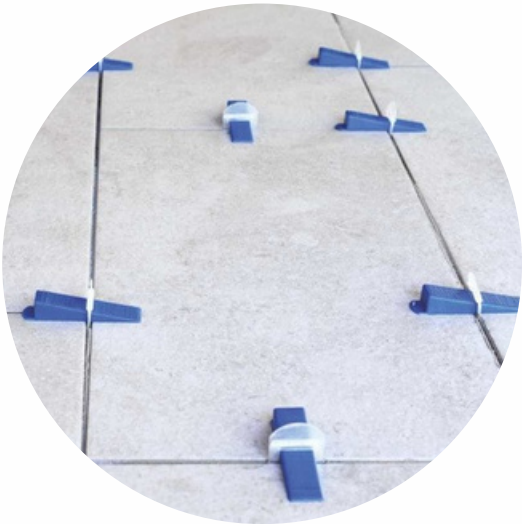
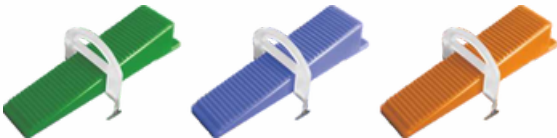


TILES EQUALIZER (LEVLAR KIT)

Tiles Leveling And Equalizing Surface.

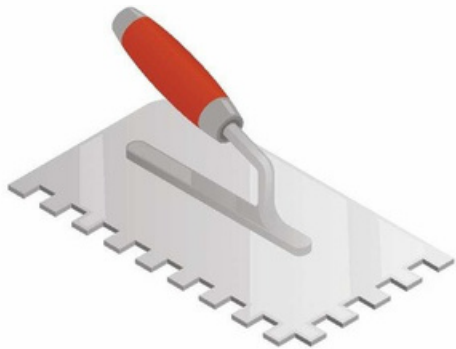
PACK SIZE:
CLIP (50 pcs / pkt.), WEDGE (50 pcs / pkt.)

AVAILABLE SIZE:
2mm, 3mm, 4mm, 5mm



TROWEL

Tiles Leveling And Equalizing Surface.





ADHESIVE APPLICATION

METHOD OF APPLICATION



1 SURFACE PREPARATION

- * The surface should be sound, clean, and free from dirt, oil or grease before Grootchem Adhesive is applied.
- * Substrate should be in Saturated Surface Dry (SSD) condition before application of adhesive
- * Substrate should be in plumb before application of adhesive



2 MIXING

- * Mix 20 kg of Grootchem Adhesive with 5 to 6 liters of water.
- * Mix to a uniform lump-free consistency using a forced action mixer.
- * Keep it approximately 5 minutes to fatten it.
- * Hand mixing is recommended for small quantities only.
- * Mix as much quantity as can be consumed in 45 min.



3 APPLICATION

- * Apply Grootchem Adhesive paste on substrate with plain side of notch trowel.
- * Press paste firmly to work into substrate.
- * Comb with notch trowel with notched side, notch trowel to be selected as per required bed thickness.
- * Spread as much adhesive paste as can be tiled within 15 minutes.
- * Start placing/fixing of tiles & tap using beating block or rubber mallet.
- * For large format tiles & stone provide back butter for 100 % coverage & firm bonding.
- * Periodically remove a tile to check transfer of material on tile. Also check spread of adhesive if not proper and if becomes non sticky then scrap it & apply paste again..



4 GROUTING

- * Grouting should preferably be carried out at least 24 hours after the completion of tiling.
- * For grout joints upto 3mm wide use Grootchem high polymer tile grout.
- * For grout joints above 3mm wide use RTM Wide.
- * After grouting clean and polish tiles with a damp sponge or cloth.



5 CLEANING

- * Clean the tools & equipments with potable water immediately after use.

