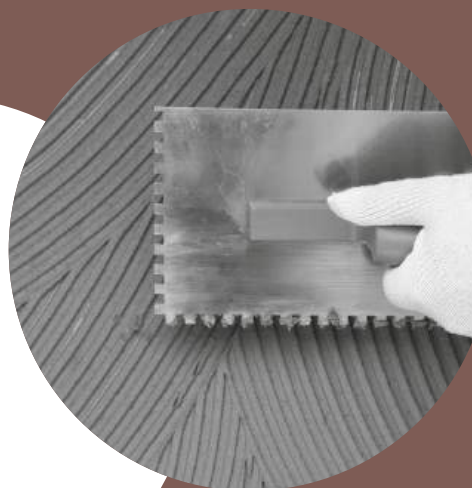


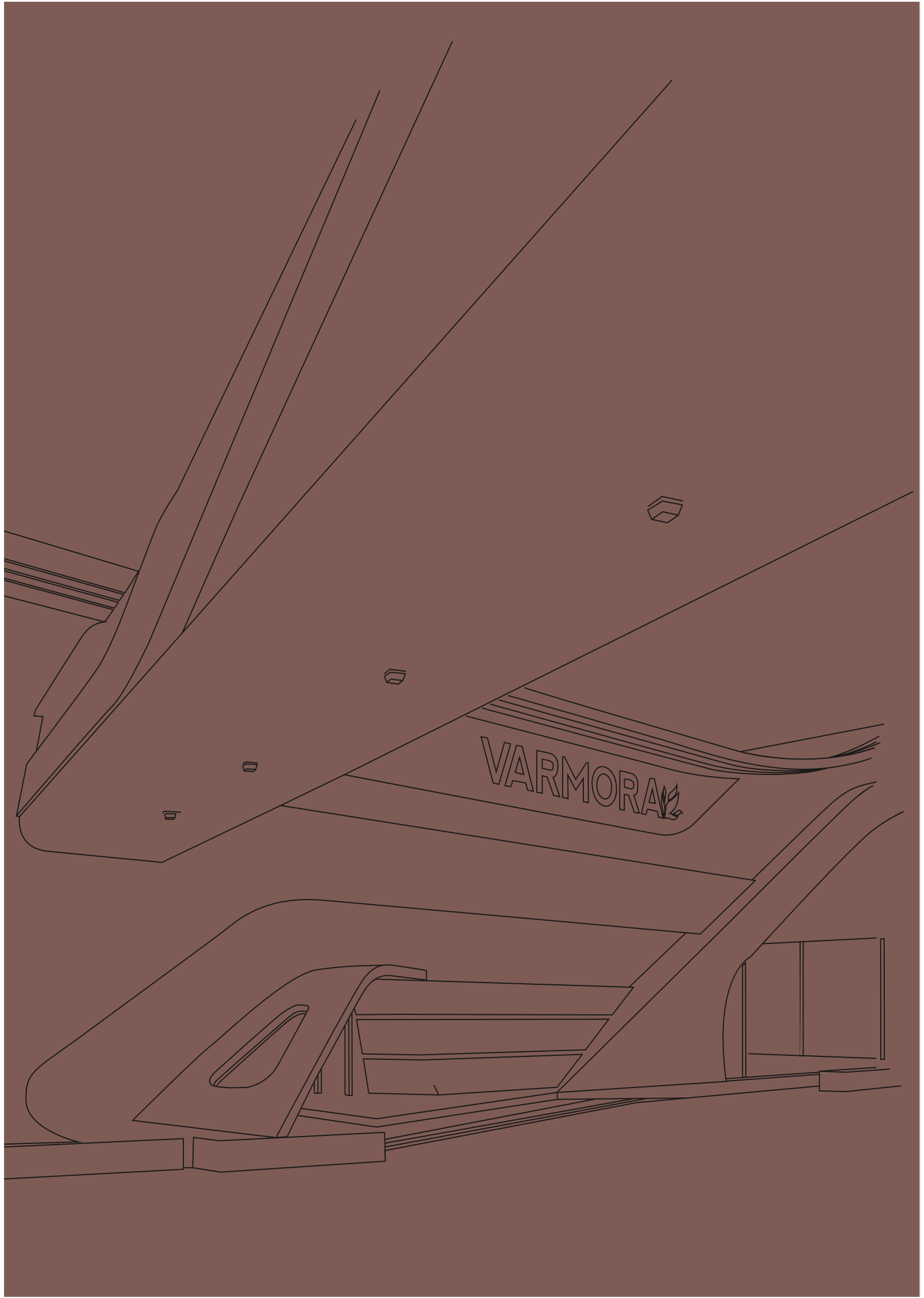
The best tile  
fixing solution



Product  
Catalogue



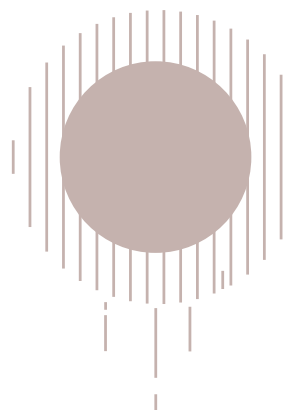
VARMORA  **GRIPKING**™  
THE BEST TILE FIXING ADHESIVE



# ABOUT US

Varmora Granito Pvt. Ltd. stands as the flagship entity of the esteemed Varmora Group, holding a formidable reputation as a premier manufacturer within the realm of tiles, bathware, sanitaryware, and adhesives. Since its inception in 1994, Varmora Granito has traversed a remarkable trajectory, evolving into a preeminent industry giant with an impressive in-house production capacity. With a focus on innovation, sustainability, and customer satisfaction, Varmora Granito is committed to providing its customers with the best products and services worldwide. We have a global presence in more than 85 countries with exclusive stores in 14 countries. With our wide range of products, we have selectively expanded internationally by exporting 6000+ containers per year to complement our domestic presence while making our brand identity globally. Varmora's network now boasts 317 exclusive brand outlets and 2,000+ multi-brand outlets across India. Whether you're looking for stylish tiles, durable bath and sanitary products, or adhesives for varied tile fixing solutions, Varmora Granito has you covered.

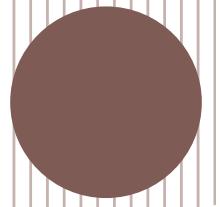
To know more about  
Varmora Granito visit  
[www.varmora.com](http://www.varmora.com)





Fix your space and make it a long-lasting one with our tiling solutions that are meant to cater to all your tile-fixing issues under one roof.

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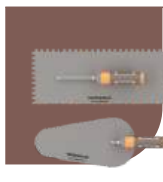
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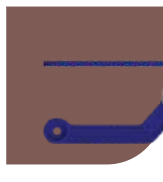
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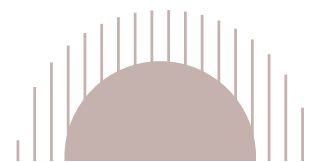
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## NSA ASH (Grey)

Adhesive for indoor walls & floor tiles

### Application Areas

Ideal for all ceramic tiles on wall, tiles up to 600x1200mm on floor (vitrified and porcelain tiles)

### Features :

This polymer modified adhesive exhibits great strength, ease of application with quick mixing, it is a certified product under IS 15477:2019 “Specification for Adhesives to use with ceramic, vitrified and porcelain tiles”.

### Technical Information

PROPERTIES	RESULTS
Appearance	Grey Free flowing powder
Pot life @ 250C, minutes	Approx 45 Minutes
Open time	Approx 30 Minutes
Adjustability Time	Approx 45 Minutes
Setting / Trafficable / Grouting Time	24 Hours
Shear adhesion, N/mm <sup>2</sup>	≥1.0 N/mm <sup>2</sup>

PROPERTIES	RESULTS
Tensile adhesion strength, 28 days, N/mm <sup>2</sup>	≥0.50 N/mm <sup>2</sup>
EN 12004 Standard	C1T
IS 15477:2019 Standard	TYPE 1T



<b>Pack Size :</b>
20 kg.
<b>Coverage :</b>

Approximately 4.5 to 5 m<sup>2</sup>/20kg by using 3mm thin trowel notch (coverage may vary if trowel notch size changes)

NSA ASH  
(Grey)



## NSA CLASSIC (Grey)

It is a polymer-modified, gray cement-based tile adhesive designed for fixing tiles with less than 3% porosity.

### Application Areas

- Interior flooring and wall application
- Dry and wet areas
- Interior up to 10 ft in height

### Features

- Economical and easy to use.
- Single-component formula: just add water and mix effortlessly.
- Suitable for use in both internal areas, including floors and walls.
- Water-resistant, making it ideal for wet areas.
- Provides good adhesive bond strength and adheres well to various cement-based substrates.
- Features self-curing properties.

### Technical Information

PROPERTIES	RESULTS
Appearance	Grey Free flowing powder
Pot life @ 250C, minutes	Approx 45 Minutes
Open time	Approx 30 Minutes
Adjustability Time	Approx 45 Minutes
Setting / Trafficable / Grouting Time	24 Hours
Shear adhesion, N/mm <sup>2</sup>	≥1.0 N/mm <sup>2</sup>

PROPERTIES	RESULTS
Tensile adhesion strength, 28 days, N/mm <sup>2</sup>	≥0.50 N/mm <sup>2</sup>
EN 12004 Standard	C1TE
IS 15477:2019 Standard	TYPE 1T



<b>Pack Size :</b>
20 kg.
<b>Coverage :</b>

Approximately 4.5 to 5 m<sup>2</sup>/20kg by using 3mm thin trowel notch coverage may vary if trowel notch size changes

NSA CLASSIC  
(Grey)



## NSA PREMIUM (Grey)

Adhesive for indoor walls & floor tiles

### Application Areas

Great to use for applying ceramic, porcelain and vitrified tiles on walls & floors up to 600x1200mm, granite window framing and tile on tile applications.

### Features :

It exhibits great characteristics that include easy mixing, smooth application, better work ability and high strength. It is IS 15477:2019 certified with "Specification for Adhesives to use with ceramic, vitrified, porcelain tiles and granite stones."

### Technical Information

PROPERTIES	RESULTS
Appearance	Grey Free flowing powder
Pot life @ 250C, minutes	Approx 45 Minutes
Open time	Approx 30 Minutes
Adjustability Time	Approx 45 Minutes
Setting / Trafficable / Grouting Time	24 Hours
Shear adhesion, N/mm <sup>2</sup>	≥1.25 N/mm <sup>2</sup>

PROPERTIES	RESULTS
Tensile adhesion strength, 28 days, N/mm <sup>2</sup>	≥1.00 N/mm <sup>2</sup>
EN 12004 Standard	C2TE
IS 15477:2019 Standard	TYPE 2T



<b>Pack Size :</b>
20 kg.
<b>Coverage :</b>

Approximately 4.5 to 5 m<sup>2</sup>/20kg by using 3mm thin trowel notch coverage may vary if trowel notch size changes

NSA PREMIUM  
(Grey)



## NSA SUPREME (White)

Adhesive for indoor and outdoors wall & floor tiles.

### Application Areas

Best suitable for vitrified tiles application on walls and floors, indoor & outdoor uses in 600x600mm, 300x600mm, 200x1200mm, applying granites in window & door framing.

### Features :

It's versatile characteristics includes easy mixing & smooth applicability with better work ability. This high polymer modified adhesive exhibits superior strength and is certified with IS15477:2019 under "specification for adhesives to use with vitrified tiles & granites stones."

### Technical Information

PROPERTIES	RESULTS
Appearance	White Free flowing powder
Pot life @ 250C, minutes	Approx 45 Minutes
Open time	Approx 30 Minutes
Adjustability Time	Approx 45 Minutes
Setting / Trafficable / Grouting Time	24 Hours
Shear adhesion, N/mm <sup>2</sup>	≥1.25 N/mm <sup>2</sup>

PROPERTIES	RESULTS
Tensile adhesion strength, 28 days, N/mm <sup>2</sup>	≥1.00 N/mm <sup>2</sup>
EN 12004 Standard	C2TE
IS 15477:2019 Standard	TYPE 2T

<b>Pack Size :</b>
20 kg.
<b>Coverage :</b>

Approximately 4.5 to 5 m<sup>2</sup>/20kg by using 3mm thin trowel notch coverage may vary if trowel notch size changes

NSA SUPREME  
(White)



## NSA ULTIMATE (Grey & White)

Adhesive for indoor and outdoors wall & floor and granite stone, recommended for all kinds of tile on tile applications.

### Application Areas

Ideal for use in low and high water absorption surfaces, to apply vitrified & porcelain tiles indoor (grey adhesive) & outdoor (white adhesive), recommended for applying low water absorption tiles such as single fired tiles, natural stone, marble, Italian marble and granite stone. Can be used for industrial flooring also.

### Features :

It's superior characteristics exhibit easy mixing qualities along with smooth application and better work ability. With high strength and water resistance.

### Technical Information

PROPERTIES	RESULTS
Appearance	Grey & White Free flowing powder
Pot life @ 250C, minutes	Approx 45 Minutes
Open time	Approx 30 Minutes
Adjustability Time	Approx 45 Minutes
Setting / Trafficable / Grouting Time	24 Hours
Shear adhesion, N/mm <sup>2</sup>	≥1.5 N/mm <sup>2</sup>

PROPERTIES	RESULTS
Tensile adhesion strength, 28 days, N/mm <sup>2</sup>	≥1.5 N/mm <sup>2</sup>
EN 12004 Standard	C2TE
IS 15477:2019 Standard	TYPE 3T

NSA ULTIMATE  
(Grey & White)



<b>Pack Size :</b>
20 kg.
<b>Coverage :</b>

Approximately 4.5 to 5 m<sup>2</sup>/20kg by using 3mm thin trowel notch coverage may vary if trowel notch size changes



## NSA DELUX (Grey & White)

Adhesive for all kind of heavy duty & large tiles marbles, Italian marble & granite stones

### Application Areas

Ideal for usage in granite, marble, Italian marble, kota stone, heavy duty & large tiles indoor (grey adhesive) & outdoor (white adhesive) applications. Up to 50 feet height on wall. Also used for spot bonding of polyester glass wool, polyurethane panels.

### Features :

It's superior characteristics exhibits high strength, water resistance, this high polymer modified adhesive excels in performance and is IS 15477:2019 certified under "specification for adhesives to use with all kind of heavy duty & large tiles marbles, italian marble & granite stones."

### Technical Information

PROPERTIES	RESULTS
Appearance	Grey & White Free flowing powder
Pot life @ 250C, minutes	Approx 45 Minutes
Open time	Approx 30 Minutes
Adjustability Time	Approx 45 Minutes
Setting / Trafficable / Grouting Time	24 Hours
Shear adhesion, N/mm <sup>2</sup>	≥1.5 N/mm <sup>2</sup>

PROPERTIES	RESULTS
Tensile adhesion strength, 28 days, N/mm <sup>2</sup>	≥1.5 N/mm <sup>2</sup>
EN 12004 Standard	C2TES1
IS 15477:2019 Standard	TYPE 4TS1

NSA DELUX  
(Grey & White)



<b>Pack Size :</b>
20 kg.
<b>Coverage :</b>

Approximately 4.5 to 5 m<sup>2</sup>/20kg by using 3mm thin trowel notch coverage may vary if trowel notch size changes



GLASS MOSAIC  
**ADHESIVE (White)**

Multipurpose adhesive for indoor & outdoor stone, heavy duty glass & mosaic.

**Application Areas**

It is ideal for application of glass mosaic on walls & floor. Also used for applying stone mosaic, ceramic mosaic in kitchen, bathroom, swimming pool etc.

**Features :**

It's versatile characteristics includes high performance, flexibility, high tensile strength, water resistance, easy to use, suitable for glass mosaic. Glass mosaic adhesive befits the requirements of IS 15477:2019 "specification for adhesives to use with mosaics".

**Technical Information**

PROPERTIES	RESULTS
Appearance	Grey & White Free flowing powder
Pot life @ 250C, minutes	Approx 45 Minutes
Open time	Approx 30 Minutes
Adjustability Time	Approx 45 Minutes
Setting / Trafficable / Grouting Time	24 Hours
Shear adhesion, N/mm <sup>2</sup>	≥1.25 N/mm <sup>2</sup>



<b>Pack Size :</b>
20 kg.
<b>Coverage :</b>

Approximately 4.5 to 5 m<sup>2</sup>/20kg by using 3mm thin trowel notch coverage may vary if trowel notch size changes

PROPERTIES	RESULTS
Tensile adhesion strength, 28 days, N/mm <sup>2</sup>	≥1.00 N/mm <sup>2</sup>
EN 12004 Standard	C2TE
IS 15477:2019 Standard	TYPE 2T

GLASS MOSAIC  
ADHESIVE (White)



## BLOCK FIX

A factory-prepared blend of cement, graded aggregates, and polymers, designed to mix with water to form a high-strength thixotropic mortar for laying AAC blocks, fly ash bricks, hollow blocks, and more, in layers up to 12mm—meeting national and international standards.

### Features :

- High Strength
- Fast & Economical
- Thin jointing with high adhesion to contribute to load bearing capacity of masonry
- No curing required after block work is done.

### Technical Information

PROPERTIES	RESULTS
Colour	Grey
Water Requirement	9-10 ltrs per 40 Kg
Open & Adjustable time	20 minutes
Pot Life	120 min
Initial & Final Setting time	B 240 min & FST: 360 min
Tensile Adhesion Strength	>1.00N/mm <sup>2</sup> (at the age of 28 days)
Compressive Strength	>12 Mpa (at the age of 28 days)
Flexural Strength	>2.50 Mpa (at the age of 28 days)

### Packing Details :

40 kg.

### Coverage :

Depends upon the size of Block & Good Craftmanship.



## WOOD & STEEL ADHESIVE (Two Pack)

Adhesive for wood & metal surface applications.

### Application Areas

It is ideal for tiling on wood and steel surfaces, including vibration-prone areas like lift joints and industrial zones. Suitable for resin-based stones sensitive to atmospheric changes, high-absorption natural stones, and for marble, granite, and heavy slabs on wood or steel sheets.

### Features :

It exhibits superior features like ease of application, quick fixing, excellent workability, versatile adhesive strength, durability, and self-curing.

### Technical Information

PROPERTIES	RESULTS
Mixing Ratio	6kg (Powder) 4ltr. (Liquid)
Colour	Light Orange
Pot life @ 250C, minutes	35 to 45
Open time, minutes	>20
Adjustability time, minutes	15
Trafficable time, Hrs.	48

### Pack Size :

10 kg. (6 kg Powder+4 kg Liquid)

### Coverage :

Approximately 4.5 to 5m<sup>2</sup>/20kg by using 3mm thin trowel notch coverage may vary if trowel notch size changes

WOOD & STEEL  
ADHESIVE (Two Pack)



## MULTIFIX PU

It is a two-part modified polyurethane multipurpose adhesive for fixing ceramic tiles, natural or artificial stones and for fixing all tile types to variety of substrates in interior and exterior areas. Suitable for various drywall substrates including metals.

### Application Areas

For fixing tiles & stones on deformable and non-deformable substrates particle boards, plywood, plaster boards, gypsum fiber boards, fiber cement boards PVC, rubber.

### Features :

- Applicable To Various Substrates, Including Metals
- Ideal For Engineered Marbles
- Flexible & Heat Resistant
- High-bond Strength

### Technical Information

PROPERTIES	RESULTS	PROPERTIES	RESULTS
Appearance	Paste Form	Slip Resistance	0.24 mm (avg)
Colour	Light Cream	Tensile Adhesion @28 days, N/mm <sup>2</sup>	>2.0 N/mm <sup>2</sup>
Pot life temperature@28° c Humidity@65%,minutes	>60 minutes	Shear Adhesion @28 days, N/mm <sup>2</sup>	>6.0 N/mm <sup>2</sup>
Open Times, minutes	45 min	Ratio (Part A:PART B)	3:1
Adjustability time, minutes	48 min	EN 12004 standard	R2 T
Trafficable time, Hours	24 Hours	IS 15477 : 2019 Standard	Type 5 TS2

### Packing Details :

4 kg bucket  
(3 kg part A : 1 kg of part B).

MULTIFIX  
PU



## TILES CARE

Fast acting wall & floor tile cleaner.

### Application Areas

Ideal for use indoor & outdoor applications, walls, floors, dry and wet areas, shower area, swimming pools etc.

### Instructions For Use :

This product exhibits great functionality over ceramic tiled floors and walls with it's acid based cleaner that's strong and effective. It is ideal for use on vertical as well as horizontal surfaces. It removes cement film residues, lime scale and efflorescence. It is also great for use on other acid resistant surfaces.

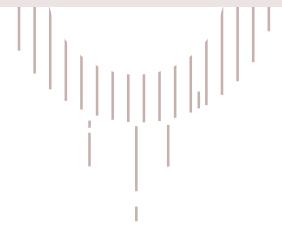
### Special Attention

Avoid using on surfaces that are not resistant to acid like marble or terrazzo. As this product is not skin-sensitive, always wear gloves while using it; do not use it with your bare hands.



**Pack Size :**

500 ml & 1ltr.



## CRAFTITE

It is a high-strength, two-component epoxy adhesive known for its exceptional bond strength. This multipurpose adhesive cures at room temperature and offers both high strength and toughness. It is ideal for bonding a wide variety of materials, including metals, ceramics, glass, rubber, and rigid plastics.

### Packing Details :

450gm, 900 gm, 1.8kg, 9kg

### Application Areas

The adhesive is versatile and suitable for various applications, including joining marble and washbasin pieces, repairing chipped sanitary ware, broken picture frames, jewelry, and toys. It can bond concrete chips to polished granite tiles, seal wall cracks, assemble bathroom fittings and gate valves, and secure materials in bangles and brassware handicrafts. Additionally, it is used in door closure assembly, sealing heating elements, and manufacturing sports goods like tennis rackets and hockey sticks. Overall, it is ideal for various repair and assembly needs.

### Technical Information

PROPERTIES	TYPICAL VALUE
PART A (RESIN)	Milky White/Transparent
PART B (HARDENER)	Yellowish
Mixing Ratio (BY WEIGHT)	100: 80 (RESIN: HARDENER)
Pot Life @ 25° C, Minutes	60 Min.
Working Temp Range	From +5 °c to +55 °c
Hardening Time	6-8 Hours
Curing Time @ 25° C	24 Hours

PROPERTIES	TYPICAL VALUE
Chemical Resistance	
a) Acid	Excellent
b) Alkalies	Excellent
c) Solvents	Excellent



## MORTAR SET

Macromolecule based Liquid Medium Hydro Soluble Aqueous Suspension Concentrate to be diluted with Water prior to use with Cement for Traditional Wet on Wet Bed Method of installing Ceramic, Vitrified Tiles using Cement Mortar made with Mortar Set Solution.

### Application Areas

This product is suitable for Interior and Exterior application of tile/stones on floor over cement based surface of concrete and Mortar Beds for residential and commercial use.

### Features :

- Highly Economical to use with many benefits.
- Self-Curing of cement slurry.
- Compared to traditional system of only cement slurry tiling.
- Traditional cement slurry additive.
- High Adhesion, More Open Time and adjustability time.
- Suitable Substrates : Traditional Wet on Wet System – Cement Mortar Bed

### Technical Information

PARAMETER	TRADITIONAL SLURRY METHOD	MORTARSET SLURRY METHOD
Pot life @ 300C, minutes	0.2 to 0.3 MPa	0.5 to 0.6 Mpa
Open time, minutes 30	HIGH	LOW
Adjustability, minutes	YES	NO
Initial Set @ R T, hours	REQUIRED	NOT REQUIRED

### Packing Details :

300ml

### Dosage :

Only 300ml to be mixed in water and used with 50 Kg bag of cement

MORTAR  
SET



## TILE GROUT

The latest for Wall & Floor Tiles Joints with polymer modified grout

### Application Areas

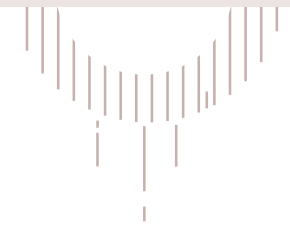
Walls | Floors | Indoors & Outdoors  
Dry Areas | Work Tops

### Features :

Sturdy, scratch-resistant, non-shrinkage, durable, abrasive strength, variety of colors & ease of use.

### Technical Information

PROPERTIES	RESULTS
Pot life @ 300C, minutes	60
Open time, minutes 30	30
Adjustability, minutes	15-20
Initial Set @ R T, hours	2
Final Set @ R T, hours	8
Shrinkge, %	<0.1
#Water absorption, %	8.3



### Pack Size :

1 kg. & 10 kg.

### Coverage :

Depending on the joint width, size of tiles and consumption depends on good craftsmanship as well.

TILE  
GROUT



## GROUT HARDENER

Primarily used to make paste of tile grout, it can be used with variety of grouts.

### Application Areas

Used with all types of cement grouts

### Features :

These are available for cement polymer grouts, super grouts. It improves the flexibility, strength & abrasion resistance.

### Technical Information

PROPERTIES	RESULTS
Physical Appearance	White Liquid
Specific Gravity	0.955
Solid Content	20.5%
Odour	Medium
Mixing Ratio	300ml for 1kg grout



### Pack Size :

500 ml. & 1 Ltr.

### Coverage :

Depending on the joint width, size of tiles and consumption depends on good craftsmanship as well.

GROUT  
HARDENER



EPOXY GROUT

**JOINT FILLER (Three Pack)**

The latest for Wall & Floor Tiles Joints with hardener & resin based grouts. Special availability of glitter along with nonglitter. (EASE OF APPLICATION AND CLEANING)

**Application Areas**

Walls | Floors | Indoor & Outdoor | Dry & Wet areas | Work tops  
Showers area | Swimming | Pools | Heavily trafficked floors  
Hygienic sterile Chemical resistance areas | Hydrotherapy Pools

**Features :**

Versatile characteristics include stain resistance, ease of installation and cleaning, non- creaking or powdering, can be cleaned with water when fresh, anti-bacterial, antifungal, chemical & temperature resistance, ease of maintenance, available in varied range, durable joints, sturdy & waterproof.

**Technical Information**

PROPERTIES	RESULTS
Shear Adhesion Strength	>2N/m <sup>2</sup>
Abrasion Resistance	=250mm <sup>3</sup>
Mechanical Flexural Strength	+30N/mm <sup>2</sup>
Compressive Strength	+45 N/mm <sup>2</sup>
Water Absorption	Nil (1)

**Tensile Adhesion (14 days air)**

Epoxy Grout	>4.5 Dry Condition (kN)
Epoxy Grout	>3.6 Dry Condition (kN)

**Pack Size :**

1 kg. & 5 kg.

**Coverage :**

Please refer coverage area matrix given at page no. 22.

EPOXY GROUT  
JOINT FILLER (THREE PACK)



EPOXY GROUT

**EPOX 2**

Two Component Epoxy Grout is a stainless, chemical resistant, hard wearing & impervious epoxy-based tile joint filler with high resistance to abrasion, impact, & shocks.

**Application Areas**

Walls | Floors | Indoor & Outdoor | Dry & Wet areas | Work tops  
Showers area | Swimming | Pools | Heavily trafficked floors  
Hygienic sterile Chemical resistance areas | Hydrotherapy Pools

**Features :**

Versatile characteristics include stain resistance, ease of installation and cleaning, non- creaking or powdering, can be cleaned with water when fresh, anti-bacterial, antifungal, chemical & temperature resistance, ease of maintenance, available in varied range, durable joints, sturdy & waterproof.

**Technical Information**

PROPERTIES	RESULTS
Shear Adhesion Strength	>2N/m <sup>2</sup>
Abrasion Resistance	=250mm <sup>3</sup>
Mechanical Flexural Strength	+30N/mm <sup>2</sup>
Compressive Strength	+45 N/mm <sup>2</sup>
Water Absorption	Nil (1)

**Tensile Adhesion (14 days air)**

Epoxy Grout	>4.5 Dry Condition (kN)
Epoxy Grout	>3.6 Dry Condition (kN)

**Pack Size :**

1 kg. & 5 kg.

**Coverage :**

Please refer coverage area matrix given at page no. 22.

EPOXY GROUT  
EPOX 2



## GLITTER

The latest Silver, Gold and Copper glitters for tiles joints.

### Application Areas

Walls | Floors | Indoor & Outdoor | Work tops  
Showers area | Swimming Pools

### Features :

Dissolves easily, Permanent shine, Excellent chemical resistance. Recommended dosage 50 gm Glitter / 1kg. Epoxy Grout joint filler

### Technical Information

PROPERTIES	RESULTS
Appearance	Reflective Particles
Colour	Silver, Gold & Copper
Nature	hexagonal prism
Dimensions	≈0,2 mm
Specific weight	≈1,38 kg/dm <sup>3</sup>
Recommended dosage	50 gm Glitter / 1kg. Epoxy Grout joint fillar
Chemical resistance	Grade II



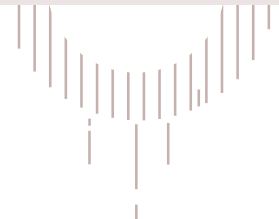
**Pack Size :**

50gm.

**Coverage :**

Depending on the joint width and consumption depends on good craftsmanship and expected reflection required.

GLITTER



## SBR

It is a highly stable water dispersion of a special synthetic elastomer resistant to alkaline saponification, characterized by its low glass transition temperature. It is a styrene butadiene copolymer latex liquid, which is used as a modifier for concrete/ cement mortar, providing tem properties, so that they can be used for waterproofing, for repairs of spalled concrete and plaster, as bonding agent and for high performance plaster. It comes in the form of a milky liquid.

### Packing Details :

500 ml, 1 Ltr., 5 Ltr.,  
20 Ltr., 50 Ltr., 200 ltr

### Application Areas

- Waterproofing Coat
- Old to New Bonding agent.
- Concrete Repair Mortar
- Modified Plaster
- Increase Durability

### Features :

- Easy to use: Just to be added to the standard mortar for a specific purpose
- Better adhesion to most Substrates
- Higher compressive and flexural strengths
- Higher impermeability
- Increase Durability

### Technical Information

PROPERTIES	RESULTS
Appearance	Milky white liquid
Consistency	Low viscosity liquid
Solid Content	36 ±2%
Specific Gravity	1.02 ± 0.01
pH	7.5-8



## V001

It is an Integral waterproofing compound for concrete and Plaster. This integral liquid waterproofing compound is uniquely formulated with surface active plasticizing agents, polymers, and additives. It serves as an additive for cement concrete, mortar, and plasters, enhancing cohesion and preventing segregation.

### Application Areas

- Basement
- Roof slabs and screeds
- Water Tanks and water retaining structure
- E-ternal plastering
- Sumps and Drains

### Features :

- Increased retention property of slump.
- Reduced shrinkage cracks.
- Resists corrosion of steel.
- Increased its strength & Durability.

### Packing Details :

500 ml, 1 Ltr., 5 Ltr.,  
20 Ltr., 50 Ltr., 200 ltr

### Dosage :

200 ML PER  
50 KG bag of cement

## Technical Information

PROPERTIES	RESULTS
Appearance	Free flowing liquid
Colour	Brown
Specific Gravity	1.04 – 1.08
pH	11.0 – 14.0



## VMCRETE

It is an acrylic based Polymer Modified Cementitious Flexible Composite coating system. VMCRETE polymer adds to the potential use as well as enhances the properties of cement slurry/mortar/concrete making them excellent choice for use in new as well as renovation work.

### Application Areas

- Use for surface treatment
- External plastering
- Waterproofing of toilets, Terrace, Roofs etc.

### Features :

- Combines a tough, flexible, hard-wearing surface with waterproofing.
- Reduces or prevents salt penetration into concrete.
- Develops excellent bond to most building material.
- Can be applied in uniform thickness to horizontal and vertical surfaces.
- Highly durable
- Non-Flammable

### Packing Details :

500 ml, 1 Ltr., 5 Ltr.,  
20 Ltr., 50 Ltr., 200 ltr

### MIXING RATIO :

2 Kg Cement : 1 Ltr  
Vmcrete Polymer

## Technical Information

PROPERTIES	RESULTS
Appearance	Free flowing liquid
Colour	Milky White
Viscosity, Seconds	12 ±1
pH	>7
14 Days Bond Strength, N/mm <sup>2</sup>	2.0 (Minimum or Concrete failure)
28 Days Compressive strength, N/mm <sup>2</sup>	30 (Minimum)
Full Cure	14 Days

VM  
CRETE



## SUPER SEAL 2K

A two-component acrylic cementitious coating for waterproofing and protecting concrete. Forms a flexible, durable layer-ideal for pools, tanks, tunnels, sumps, and other demanding structures.

### Features :

- Low water permeability
- Excellent resistance to ingress of water.
- Adhesion - Excellent adhesion to concrete and masonry surfaces.
- Non-toxic with low VOC content.
- Provide slip resistance coating.

### Technical Information

PROPERTIES	TYPICAL VALUE
Nature	TWO COMPONENT PART A: POWDER PART B: LIQUID
Wet Density of Mix	1.65 - 1.75
Pot life of the Mix @30° C in minutes	40 – 45 Min
Elongation at break at DFT of 1 MM	50 – 60%
Ponding Test, Hrs	After 48 hrs
Appearance	Light Grey

### Packing Details :

10 Kg Powder + 5 Ltr Liquid

### Coverage :

Approximately 0.6 – 0.75 m<sup>2</sup> / kg at 1 mm thickness in 2 coats, depending on the level of the substrate.

SUPER  
SEAL 2K



## BRUSH COAT

It is an acrylic polymer modified elastomeric waterproofing membrane coating for concrete and masonry surfaces. BRUSHCOAT is a two component acrylic polymer modified elastomeric waterproofing membrane which consists of BRUSHCOAT powder & acrylic emulsion. It requires only the addition of water on site and when mixed in the proper proportions, an easily brush able coating is produced.

### Features :

- Excellent adhesion - Bonds to porous and nonporous surfaces.
- Non-toxic-ideal for potable water tanks Waterproof - Excellent for damp-proofing basements Breathable-allows transmission of water vapor from interior of building.
- Applied directly to the damp concrete and masonry
- Flexible, with thermal expansion similar to concrete.
- Minimum surface preparation needed and low labour costs.

### Technical Information

PROPERTIES	TYPICAL VALUE
Nature	TWO COMPONENT PART A: POWDER PART B: LIQUID
Wet Density of Mix	1.90 – 1.95
Pot life of the Mix @30° C in minutes	40 – 45 Min
Application Temp.	Not less than 10°C
Ponding Test, Hrs	After 48 hrs
Appearance	Light Grey
Toxicity	Non-Toxic
Adhesion to concrete	>1 N/mm <sup>2</sup>

### Packing Details :

23 Kg Powder + 4 Ltr Liquid

### Coverage :

16 -18 M<sup>2</sup>

\*Approximately 16-18m<sup>2</sup>  
(1mm thickness) in two coats.

BRUSH  
COAT



## VM SEAL

It is an acrylic sealant that is one paintable and flexible component. It is mildew-resistant and specifically formulated for sealing gaps and joints that experience slight movement or vibration, which can cause conventional, non-elastic fillers and putties to crack and fall out.

### Application Areas

- Joints that allow for movement of up to 15%-20%
- Sealing compounds for cracks in concrete and plaster
- Connection joints used in the building industry
- Joints between windowsills (uPVC, aluminum, and wood)
- Joints between skirting boards and floors, as well as between brickwork, etc.

### Technical Information

PROPERTIES	RESULTS
Appearance	Smooth paste, free of bubbles and particles
Colour	White, black, grey or any common color
Sag Placed Vertically	No-Sag
Tack-free Time	40 min
Young's Modulus	0.15 MPa
Low-temperature Flexibility	-30° C
Tensile Strength	>0.20 MPa
Maximum Elongation Ratio	1500C
Shrinkage, Volume	<30%
Density	1.65+/-0.1g/cm
Shelf Life	12 Months

**Pack Size :**  
24 Pcs Per Box

VM  
SEAL



## WEATHER SEAL

A neutral cure silicone sealant with strong adhesion, non-corrosive properties, and excellent UV, water, and weather resistance-ideal for building and exterior applications.

### Application Areas

- Weather-sealing capability for various glass curtain walls.
- Adhesive and sealing for large glass surfaces an daylight domes.
- Adhesion and waterproof, dustproof sealing for electrical appliances and mechanical installations.

### Technical Information

PROPERTIES	RESULTS
Appearance	Non-Slump Paste
Cross System Linking/ Curing	Oxime Cure
Colour	Clear, White, black, grey or Customized colour as per RAL shade
Sag Placed Vertically	No-Sag
Skin Forming Time	10 min.
Tack-free Time	20-30 min.
Young's Modulus	0.30 MPa
Application Temperature	-20° C to 180° C
Tensile Strength	1.18 N/mm <sup>2</sup>
Maximum Elongation%	500%
Shrinkage, Volume	5%
Density	1.01+/-0.1g/ml
Shelf Life	12 Months

Pack Size :

24 Pcs Per Box

WEATHER  
SEAL



## PU SEAL

It is an engineering polyurethane sealant that is fast-curing, one-component, moisture-curing and transforms into a flexible, durable elastomeric seam. It exhibits excellent adhesion to most industrial materials.

### Application Areas

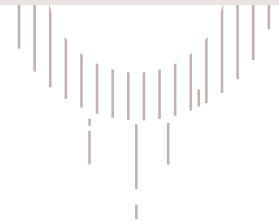
Bonding and sealing solutions for vibrating joints in the automotive industry, specifically for bus bodies, caravans, and containers. Adheres without primer to common substrates such as glass, anodized aluminum, lacquered metal, wood, FRP, and concrete.

### Features :

- Medium Open-time
- High Viscosity
- Applicable in warm and humid climate
- Permanently elastic after curing
- Good weather ability and UV resistance
- Watertight

### Available Colour

- Black   ○ White



### Pack Size :

Sausage ( pouch )  
Package 20 Pcs Per  
Box

PU  
SEAL



## TILES SPACER

A product to ensure even and consistent spacing during tiling

### Application Areas

Ideal for indoor & outdoor applications, walls, floors, dry and wet areas, showers, swimming pools, etc.

### Advantages

With its ease of application, there are multiple advantages of tiles spacer, which makes it an absolute worthy buying. First and foremost, it allows equal distance between tiles with such accuracy and precision that the result is absolutely stunning with finesse and fine symmetry.

### Method of Application

Tiles Spacers are a boon when you wish to install tiles at home. These are small cross like available in wood or ceramic, it enables equal spacing between tiles with commendable precision and brings out outstanding results. Available in different sizes, most commonly used ones range in width from  $\frac{1}{4}$  to  $\frac{3}{8}$  of an inch. Lay 4 tiles at a time on the work surface and use spacers in accordance. Place the spacers at the corner of every tile and push the tiles together until they go no further. Once the installation is done, you can remove the spacers and use it for future projects. Tiles can be placed with absolute magical results on floors, walls at your home with the help of spacers easily and very conveniently.

### Packing Details :

100 Nos. Per Packet

### Available Thicknesses: :

2mm, 3mm, 4mm and 5mm

TILES  
SPACER



## TILES EQUALIZER

A product for leveling and equalizing tiles surfaces

### Application Areas

Ideal for use across sizes of tiles, marble and granite. Can be used for walls and floors indoor & outdoor applications.

### Features :

It exhibits superior features like avoid un even surfaces during tiling in all across sizes, it avoids hollowness after tiling, it reduces cracks due to hollowness.

### Recommended Quantity (Clip/m<sup>2</sup>)

Size / Area	1m <sup>2</sup>	2m <sup>2</sup>	5m <sup>2</sup>	10m <sup>2</sup>	20m <sup>2</sup>	50m <sup>2</sup>
30x30cm	12	24	60	120	240	600
40x40cm	25	50	125	250	500	1250
50x50cm	15	30	75	150	300	750
30x60cm	18	36	90	180	360	900
60x60cm	12	20	50	100	200	500
80x80cm	10	20	45	80	140	360

### Packing Details :

50 (Clip) + 50 (Wedge)  
Other Clips Available in  
1.5, 2, 3 & 4 mm thickness .

# ACCESSORIES



**TROWEL**



**GROUT FLOATER**  
( 2mm, 3mm,  
4mm & 5mm )



**GROUT  
CUTTER**

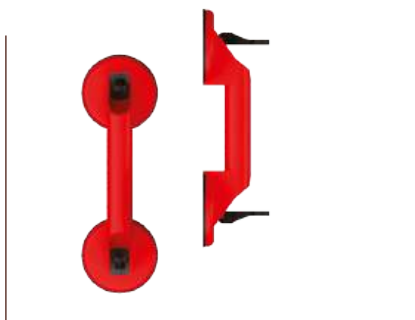




**COUNTER GAUGE**



**RUBBER Mallet**



**SUCTION CUP**



# TILE GROUT APPLICATION

## Areas of Application

Varmora Tiles Grout is befittingly used for grouting of ceramic tiles, vitrified tiles, marble, natural stone and edges.

- Used in residential as well as commercial spaces. For joint free / hairline filling.
- Excellent for highly glazed tiles resulting in smooth and watertight joints, which ultimately will be both water and mould resistant.
- Recommended for indoor & outdoor.
- Specially formulated for wet or submerged grouting applications like bathrooms, toilets, fountains, kitchen areas and swimming pools.

## Method of Application

### 1. Surface Preparation

- Surface must be thoroughly cleaned and free from dirt. Dust can be removed with wire brush and air blower.
- It is advisable to wet the tiles before applying Varmora Tile Grout in exterior applications.

### 2. Grout Hardener Mixing

- Make a smooth and consistent paste by adding tile grout powder to Varmora Grout Hardener in 1kg (tile grout):300ml (grout hardener) ratio, with a slow speed mixer ( 250 - 300 rpm).
- In case of the grout mortar becoming stiff to work with, please get rid of it and prepare a new batch entirely.

### 3. Application

Apply to tile joints with spatula, putty blade or squeegee. After applying it, flush the surface with hard rubber float, to fill and create compact joints, use it in diagonal direction across the grout joints. Remove the excess grout with the same rubber float immediately.

### 4. Cleaning

- Use a clean & dry cloth to polish the tiles. Hot soap water works best to scrub the floor.
- As it involves polymer content, clean the surface instantly after grouting.
- Allow the grout to set in the joint thoroughly well and let it acquire it's initial set before cleaning. Clean the tile surface with a pad of cheesecloth or towel dampened with minimal quantity of clean and cool water. Use circular motion to rub to further compact the grout.
- Clean the remaining surface grout on the tile. Fasten scrubbing pad to a float to remove grout from porous tiles.
- Rebuff the tile surface and grout within 1-2 hours to remove grout residue from the surface, which helps to control the color variation and reduce efflorescence.

## Precautions & Limitations

- All sugar finished base tiles are recommended to apply tile grout by using masking tape.

## Shelf Life & Storage

12 months of shelf life from the date of manufacturing in unopened condition.

Store in cool and dry place.

## Health & Safety Precautions

- Always wear protective gears such as gloves and goggles.
- Splash fresh water instantly to treat any contact with skin or eyes.
- Seek medical assistance immediately in case of any unprecedented occurrence.
- Pack should be resealed and product should be stored as per instructions.



# NSA ADHESIVE APPLICATION

## 1. Surface Preparation

Keep the surface clean and free from dirt, oil or grease before application of varmora adhesive. Before application of the product, substrate should be in saturated surface dry (ssd) condition. Before applying, substrates should be in plumb.

## 2. Mixing

In 5 to 6 liters of water, mix 20 kg of varmora adhesive. Use forced action mixer to create a uniform lump-free consistency. It will be fattened after keeping it for 5 minutes approximately. For small quantities, hand mixing is recommended. Only mix quantity that can be used within 45 minutes.

## 3. Application

Varmora adhesive should be used on substrate with plain side of notch trowel. The paste should be pressed firmly to work into the substrate. As per bed thickness, notch trowel should be selected. Comb with notch trowel with notched side. Spread the adhesive paste that can be consumed within 15 minutes. Fix the tiles and tap using beating block or rubber mallet. Firm bonding and 100% coverage result is obtained with back butter over large format tiles and stone. Remove tile randomly to check the result of the transfer of material over the surface. If the adhesive becomes non-sticky then scrap it and paste it again.

## 4. Grouting

After 24 hours of completion of tiling, ideally, grouting should be carried out. Use Varmora Tile Grout for hairline up to 2mm joints grouting. And Use Varmora Epoxy Grout for grouting above 2mm joints.

## 5. Cleaning

Clean and polish the tiles with a damp sponge or cloth after grouting. Use potable water for cleaning of tools and equipment soon after use.

## Precautions & Limitations

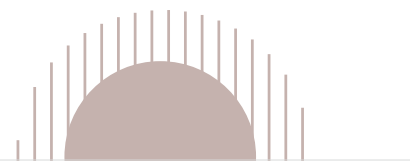
Add powder to liquid and not liquid to powder. Always dampen the substrate when working in temperatures over 35° C (95°F). When the surface temperature is below 4° C, tiling is not advisable.

## Health & Safety Precautions

Always wear gloves & goggles as protective shield to ward off danger. As it is skin sensitive, in case of close contact, splash fresh water over the skin or eyes instantly. Do not induce vomiting and seek medical assistance immediately. Pack can be resealed after use and product should be stored as per instructions given.

## Shelf Life & Storage

12 months from the date of manufacturing in unopened condition. It should be stored in a cool and dry place.



# EPOXY GROUT JOINT FILLER APPLICATION

## Areas of Application

Varmora Epoxy grout joint Filler is befittingly used for grouting of Walls, Floors, Indoor & Outdoor, Dry & Wet areas, Work tops, Showers area, Swimming Pools, Heavily trafficked floors, Hygienic sterile Chemical resistance areas, Hydrotherapy Pools

- Used in residential as well as commercial spaces.
- Excellent for highly glazed tiles resulting in smooth and watertight joints, which ultimately will be both water and mould resistant.
- Recommended for indoor & outdoor.
- Specially formulated for wet or submerged grouting applications like bathrooms, toilets, fountains, kitchen areas and swimming pools.

## Method of Application

### 1. Surface Preparation

- Surface must be thoroughly cleaned and free from dirt. Dust can be removed with wire brush and air blower.
- Remove any extra mortar debris from the joints before filing. Clean any dust, stains, or dirt from the tile groove.

### 2. Mixing

- add part a hardener to part b resin by weight mix the components for 1 minute.
- fill the resin and hardener mix with 1:3 parts filler by weight.
- slowly add the filler to the mixture while continuing to blend it. To form a uniform paste consistency, Mix the contents for 3-4 minutes.

Note: if adding glitter please mix 50 gm glitter per 1kg. Epoxy grout. While preparing epoxy grout paste.

### 3. Application

- Wear rubber gloves before applying the filling to the tile joints.
- Using a trowel or other suitable tool, fill the joint.
- Place the rubber trowel or an appropriate tool perpendicular to the tiled surface to remove any excess material.

### 4. Cleaning

- Use a clean & dry cloth to polish the tiles. Hot soap water works best to scrub the floor.
- As it involves polymer content, clean the surface instantly after grouting.
- Allow the grout to set in the joint thoroughly well and let it acquire it's initial set before cleaning. Clean the tile surface with a pad of cheesecloth or towel dampened with minimal quantity of clean and cool water. Use circular motion to rub to further compact the grout.
- After 20-30 minutes, when the joints have hardened, begin the initial cleaning with water and a scrubber. After 40 minutes of joint filling, clean the tile surface with water and soap solution to eliminate the epoxy stain.

## Precautions & Limitations

- All sugar finished base tiles are recommended to apply epoxy grout by using masking tape.

## Shelf Life & Storage

12 months of shelf life from the date of manufacturing in unopened condition.  
Store in cool and dry place.

## Health & Safety Precautions

- Always wear protective gears such as gloves and goggles.
- Splash fresh water instantly to treat any contact with skin or eyes.
- Seek medical assistance immediately in case of any unprecedented occurrence.
- Pack should be resealed and product should be stored as per instructions.

### Approximate Coverage Area in Sq.Ft. Per 5kg Epoxy Grout

In mm	2mm	3mm	4mm	6mm	8mm	10mm	12mm
100x100x3	264	177	133	90	68	55	46
150x150x4	296	198	149	100	75	61	51
200x150x4	269	181	136	91	69	55	46
150x300x6	263	175	132	88	66	53	44
300x300x6	394	263	198	132	100	80	67
450x300x7	405	270	202	135	101	81	68
600x450x8	506	337	253	169	127	101	85
600x600x8	591	394	295	197	148	119	99
600x900x11	515	343	258	171	129	103	86
900x900x12	590	393	295	197	148	118	99



**VARMORA**

TILES • BATHWARE

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