



1ST
Time in
INDIA

High Glossy
Epoxy Grout



Built upon the solid roots of the Proffer Chemicals Group based in INDIA, Proffer Chemicals is committed to continued technological innovation and to producing timeless and sustainable products and continuously work on the art of designing where we believe to feel out every touch of yours.

Our commitment to excellence will most certainly be an asset to your prototype and production needs. From development through production our promise to you is to deliver the highest quality product in a timely manner, at a fair price and customized to your special needs. With more than 20 years of technical chemical components manufacturing experience, we apply the latest in manufacturing innovations to meet the demanding technical challenges required by our customers.

Proffer Chemicals fosters a flexible work environment to instill a sense of participation and encourage our staff to grow with our company as our customer base continues to expand.

Proffer Mission is to be Committed to Continued Technological Innovation.

Our Certificates





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GROUTS & ADHESIVES

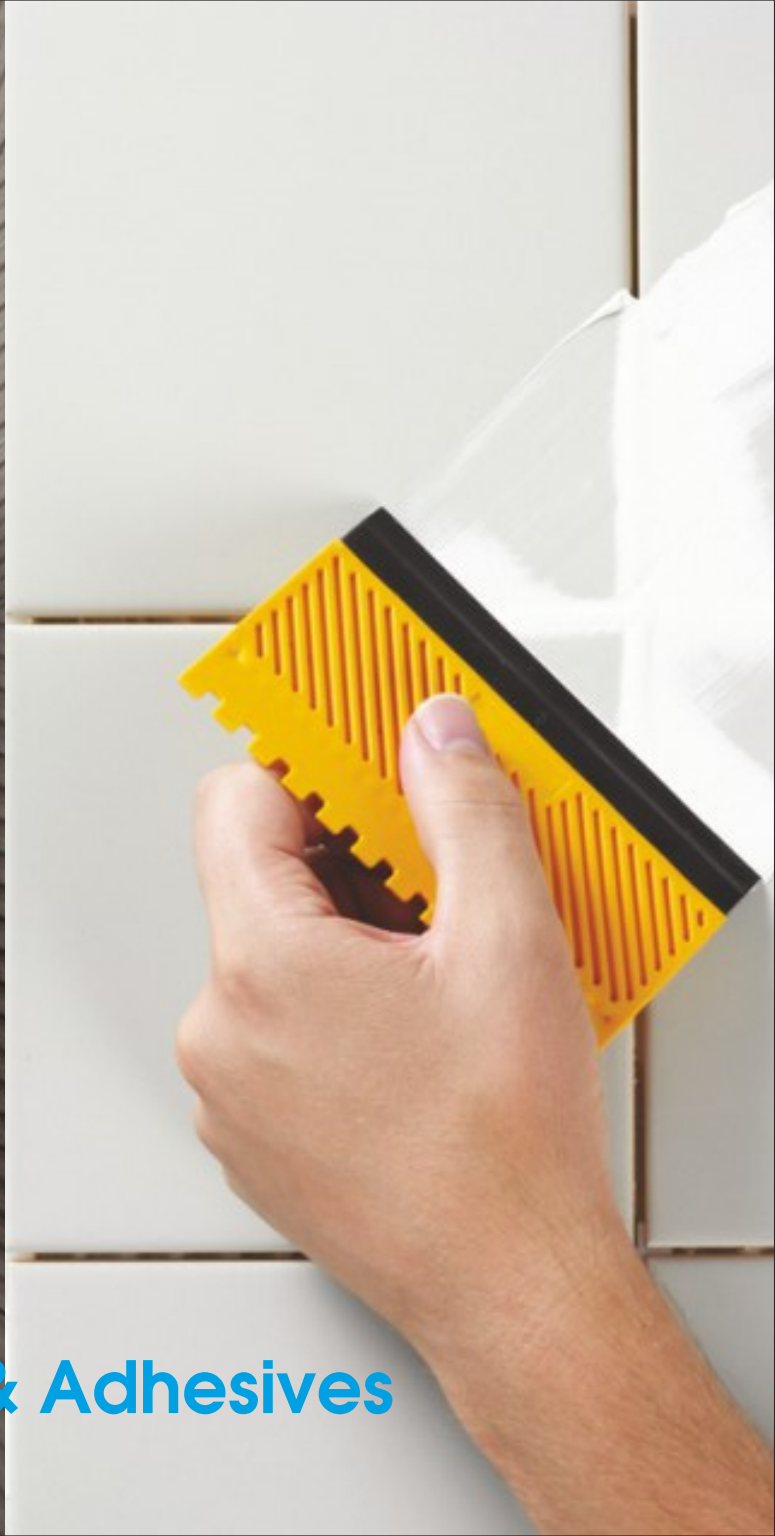
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Grouts & Adhesives

TILE GROUT

Polymer Modified Grout For
Wall & Floor Tile Joints



Application Areas

Walls | Floors | Interiors & Exteriors | Dry Areas Work Tops

Features

- Polymer modified grout
- Good Compressive strength
- Available in range of colors
- Easy to use
- Non shrink
- Durable
- Abrasion Resistance

Coverage Estimates

Pack Size	Coverage
500gm, 1 kg. & 10 kg.	Consumption Depend On Joint Width, Size Of Tiles And Good Workmanship.



Technical Information

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

GROUT HARDNER

Use For Hard Bonding Of Grout,
With All Types Of Grouts.



Application Areas

Use With All Type Of Cementos Grout



Features

- Polymer additive for Cement Polymer Grouts, Super Grouts & Wide Joint Grouts
- Improves the flexibility for cement Polymer Grouts, Super Grouts & wide Joint Grouts
- Improve the strength
- Increase the abrasion resistance Grouts

Coverage Estimates

Pack Size	Coverage
250 ml, 500ml & 1 Ltr.	Consumption Depend On Joint Width, Size Of Tiles And Good Workmanship.

Technical Information

PROPERTIES	RESULTS
Physical Appearance	White Liquid
Specific Gravity	0.955
Solid Content	20.5%
Odour	Medium

EPOXY GROUT JOINT FILLER (Two Part Gel Based)

Resin Based Grouts, Normal & Sparkle



Application Areas

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



Features

- Stain free
- Color fast
- Easy to install and clean
- Water cleanable when fresh
- Non-creaking or powdering
- Anti-Bacterial and Anti-Fungal
- Chemical & Temperature Resistance
- Easy maintenance
- Available in range
- Hard & durable joints
- High strength & VERSATILE
- Waterproof & durable joints

Coverage Estimates

Pack Size Coverage
1 kg & 5 kg Consumption Depend On
Joint Width, Size Of Tiles And
Good Workmanship.

Technical Information

PROPERTIES	RESULTS	
Shear Adhesion Strength	> 2N/m ²	
Abrasion Resistance	≈250mm ³	
Mechanical Flexural Strength	≈30 N/mm ²	
Compressive Strength	≈45 N/mm ²	
Water Absorption	Nil (1)	
Tensile Adhesion (14 day air)		
Epoxy Grout	>4.5	Dry Condition (kN)
Epoxy Grout	>3.6	Wet Condition (kN)

Interior Wall & Floor Tile Adhesive



Application Areas

Applying ceramic wall tiles on wall internally, Applying vitrified tiles on floor (600x600 mm, 600x1200 mm, 800x800 mm, 800x1200 mm) Applying floor tiles on floor (300x300mm, 400x400 mm).

Features

- Suitable for fixing ceramic tiles for floor & walls
- Polymer modified adhesive
- Good strength & Interior Situations
- Easy mixing & application
- NSA SILVER meets the adhesion requirements of IS 15477 : 2004 "Specification for Adhesives for use with Ceramic Tiles"

Coverage Estimates

Pack Size	Coverage
20 kg	approximately 4.5 to 5 m ² /20kg @ 3 mm thickness when using a thin trowel



Technical Information

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	Grey
Pot life @ 25OC, minutes	35 to 45
Open time, minutes	>20
Adjustability time, minutes	5
Trafficable time, Hrs	24
Shear adhesion, M pa	8-10
Tensile adhesion strength, 14 days, M pa	> 1275 N Force
EN 12004 Standards	C1

Interior & Exterior Wall & Floor Tile / Stone Adhesive / Tile-On-Tile



Application Areas

Applying tile on tile wall and floor , Applying vitrified tiles on wall internally (600x600 mm, 600x1200 mm, 800x800 mm, 800x1200 mm) up to 10 feet, Applying window & door granites .

Features

- High polymer modified adhesive
 - Easy mixing & smooth application & better workability
 - High strength
 - For use on walls and floors in interior & exteriors
 - NSA GOLD meets the performance requirements of IS 15477 : 2004
- "Specification for Adhesives for use with Ceramic Tiles & Stones

Coverage Estimates

Pack Size	Coverage
20 kg	approximately 4.5 to 5 m ² /20kg @ 3 mm thickness when using a thin trowel



Technical Information

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	Grey
Pot life @ 25OC, minutes	35 to 45
Open time, minutes	>20
Adjustability time, minutes	5
Trafficable time, Hrs	24
Shear adhesion, M pa	8-10
Tensile adhesion strength, 14 days, M pa	> 1550 N Force
EN 12004 Standards	C1E

Wall And Vitrified Exterior Tiles Adhesive



Application Areas

Applying tile on tile wall and floor , Applying vitrified tiles on wall Externally (600x600 mm, 800x800 mm) up to 10 feet, Applying window & door granites .

Features

- High strength
- High polymer modified adhesive
- For use on walls and floors in interior & exteriors
- Easy mixing & smooth application & better workability
- NSA COPPER meets the performance requirements of IS 15477 : 2004 "Specification for Adhesives for use with Ceramic Tiles & Stones

Coverage Estimates

Pack Size	Coverage
20 kg	approximately 4.5 to 5 m ² /20kg @ 3 mm thickness when using a thin trowel



Technical Information

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	White
Pot life @ 25OC, minutes	35 to 45
Open time, minutes	>20
Adjustability time, minutes	5
Trafficable time, Hrs	24
Shear adhesion, M pa	8-10
Tensile adhesion strength, 14 days, M pa	> 1680 N Force
EN 12004 Standards	C2E

NSA PLATINUM (Grey & White)

Interior & Exterior, Wall & Floor Tiles, Marble,
Italian Marble & Stone Adhesive, All kind Of Tile On Tile



Application Areas

Applying vitrified wall and tiles on wall externally (600x600 mm, 600x1200 mm, 800x800 mm, 800x1200 mm, 1000x1000 mm) up to 30 feet ,
Applying small size marble & granites on wall externally (up to 800x1200 mm).

Features

- High polymer modified adhesive
 - Easy mixing & smooth application & better workability
 - For use on walls & floors in interior & exterior.
 - High strength & Water resistance
 - PLATINUM NSA meets the performance requirements of **IS 15477 : 2004**
- "Specification for Adhesives for use with
Wall Tiles, Floor Tiles, Marbles, Granites and Stones

Coverage Estimates

Pack Size	Coverage
20 kg	approximately 4.5 to 5 m ² /20kg @ 3 mm thickness when using a thin trowel



Technical Information

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	Grey/White
Pot life @ 25OC, minutes	35 to 45
Open time, minutes	>20
Adjustability time, minutes	5
Trafficable time, Hrs	24
Shear adhesion, M pa	8-10
Tensile adhesion strength, 14 days, M pa	> 1950 N Force
EN 12004 Standards	C2TE

Interior and Exterior Heavy duty
Tiles, Marble & Stone For Multi Purpose Adhesive



Application Areas

Applying vitrified slabs wall externally (1000x1000 mm, 1200 x2400 mm 750x1500 mm) up to 30 feet , Applying vitrified tiles on wall externally (600x1200 mm, 800x800 mm, 800x1200 mm)up to 40 feet, Applying natural stone marble & granites on wall externally up to 30 feet.

Features

- Very High polymer modified
- Very high performance and strength
- Premium multi use adhesive
- Excellent water and frost resistance
- Excellent tensile & shear adhesion
- RUBY NSA exceeds the requirements of **IS 15477 : 2004**

"Specification for adhesives for use Wall Tiles, Floor Tiles, Marbles, Granites and Stones

Coverage Estimates

Pack Size	Coverage
20 kg	approximately 4.5 to 5 m ² /20kg @ 3 mm thickness when using a thin trowel



Technical Information

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	Grey/White
Pot life @ 25OC, minutes	35 to 45
Open time, minutes	>20
Adjustability time, minutes	5
Trafficable time, Hrs	24
Shear adhesion, M pa	8-10
Tensile adhesion strength, 14 days, M pa	> 2250 N Force
EN 12004 Standards	C2TE

Adhesive For All kind Of Heavy Duty Tiles,
Marbles, Italian Marble & Stones



Application Areas

Applying all kind of heavy duty tiles, marbles, Italian marble & stones externally up to 50 feet

Features

- High polymer modified adhesive
- High strength
- Water resistance
- For use on walls and floors in interior & exterior situations.
- NSA DIAMOND exceeds the requirements of **IS 15477 : 2004** "Specification for adhesives for use with Wall Tiles, Floor Tiles, Marbles, Granites and Stones

Coverage Estimates

Pack Size	Coverage
20 kg	approximately 4.5 to 5 m ² /20kg @ 3 mm thickness when using a thin trowel



Technical Information

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	Grey/White
Pot life @ 25OC, minutes	35 to 45
Open time, minutes	>20
Adjustability time, minutes	5
Trafficable time, Hrs	24
Shear adhesion, M pa	8-10
Tensile adhesion strength, 14 days, M pa	> 2550 N Force
EN 12004 Standards	C2TE



Application Areas

Specially formulated for applying glass mosaic, ceramic mosaic, resin stone mosaic, river stone mosaic, and other all types of mosaic and ceramic tiles in swimming pool.

Features

- High polymer modified adhesive
- High performance flexible adhesive
- Suitable for glass mosaic
- High tensile strength & Flexible tile adhesive
- water resistance & easy to use
- Glass & mosaic adhesive exceeds the requirements of **IS 15477 : 2004** "Specification or adhesives for use with Mosaics

Coverage Estimates

Pack Size	Coverage
20 Kg.	approximately 4.5 to 5 m ² /20kg @ 3 mm thickness when using a thin trowel



Technical Information

PROPERTIES	RESULTS
Appearance	Free flowing powder
Colour	White
Pot life @ 25OC, minutes	35 to 45
Open time, minutes	>20
Adjustability time, minutes	5
Trafficable time, Hrs	24
Shear adhesion, M pa	8-10
Tensile adhesion strength, 14 days, M pa	> 2000 N Force
EN 12004 Standards	C2E

WOOD & STEEL ADHESIVE (TWO COMPONENT)

Two Components Flexible Tile /
Stone Adhesive For Wood & Metal Surface



Application Areas

Specially formulated for applying tiles on wood, steel, iron sheet, cement sheet, and glass surfaces or any other vibrating surfaces such as industry area where constant vibration occur or lift area.



Features

- High polymer modified adhesive
- High performance flexible adhesive
- Suitable for wood & metal surface
- High tensile strength
- Flexible tile adhesive

Coverage Estimates

Pack Size	Coverage
10(6+4) kg	approximately 5 to 6 m ² /30kg @ 3 mm thickness when using a thin trowel

Technical Information

PROPERTIES	RESULTS
Mixing Ratio	6 (Powder) : 4 (Liquid)
Colour	Grey/White
Pot life @ 25OC, minutes	35 to 45
Open time, minutes	>20
Adjustability time, minutes	15
Trafficable time, Hrs	48

BLOCK ADHESIVE

High Adhesion of FLY ASH BLOCKS



Application Areas

Use For FLY ASH BLOCK Adhesion



Features

- Powerful formula
- Fast acting
- Easy to apply
- Excellent Workability
- Excellent Adhesion Strength
- Excellent Durability
- Self Curing

Coverage Estimates

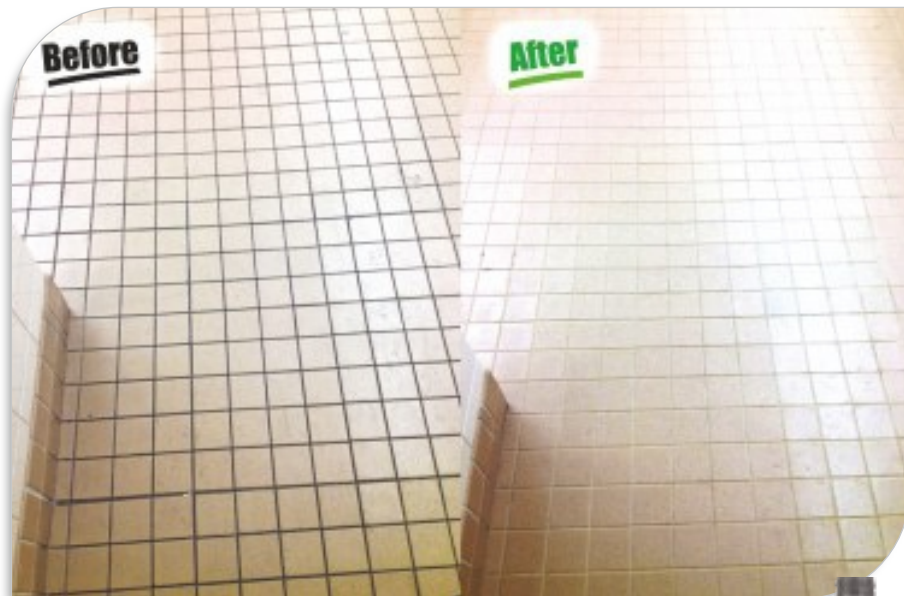
Pack Size	Coverage
40 kg	125-130 Square Feet / 40 Kg (3mm thickness for 600 x 200 x 150)

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 ² (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)

TILES CARE

Fast Acting Wall & Floor Tile Cleaner.



Application Areas

Walls | Floors | Interiors | Exteriors | Dry & Wet areas | Showers
Swimming Pools



INSTRUCTIONS FOR USE :

A powerful, heavy duty, acid - based cleaner for ceramic tiled floors and walls. 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. It may also be used as general purpose cleaner on other acid resistant surface.

NOTE : Do not use on surfaces that are not resistant to acid such as marble / terrazo.

do not use your bare hand, use hand gloves while using of tiles care. Highly reactive to skin.

Pack Size

500 ml & 1 Ltr.

TILES EQUALIZER.

Tiles Leveling And Equalizing Surface



Application Areas

Walls | Floors | Interiors | Exteriors | Dry & Wet areas | Showers
Swimming Pools

Demand Quantity (Clip/m²)

Size \ Area	1m ²	2m ²	5m ²	10m ²	20m ²	50m ²
30x30 cm	12	24	60	120	240	600
40x40 cm	25	50	125	250	500	1250
50x50 cm	15	30	75	150	300	750
30x60 cm	18	36	90	180	360	900
60x60 cm	12	20	50	100	200	500
80x80 cm	10	20	45	80	140	360



Pack Size

50 (Clip) + 50 (Wedge)

TILES SPACER

For consistent and even spacing of tiles.



Application Areas

Advantages

At the most basic level, spacers have a pretty simple purpose: they will allow you to keep the tiles at equal distance, enabling you to space them correctly and get a symmetrical result.

However, their benefits don't stop there.

Here's how tile spacers can make your life easier and ensure that the installation process goes a bit smoother than before

Method of Application

If you plan to undertake tile installations at home, be sure to obtain some tile spacers for your project. Spacers are small cross-like or T-shaped pieces of plastic, ceramic or wood which help you to space your tiles apart in equal distances. They come in various sizes, although most commonly used spacers range in width from $\frac{1}{4}$ to $\frac{3}{8}$ of an inch. To use spacers, you need to lay 4 tiles at a time on the work surface. You place the spacers at the corners of each tile and then push the tiles together until they can go no further. Once you complete your tile installation, you can remove the spacers and save them for a future project. Spacers can help you to accomplish a well installed and attractive tile arrangement on floors, walls or countertops in your home. The importance of using tile spacers is outlined below.



Available Size :

2mm, 3mm, 4mm, 5mm
6mm, 8mm, 10mm

Pack Size

100 Nos.-Per Packet

Admixer & Water Proofing

CEM PROOF AA+33(LW+)

Integral Liquid Waterproofing Compound
For Concrete And Plaster



Application Areas

Cement | Prestressed and reinforced concrete work
As inclusion of Plasticizer



Features

- Permits concrete placement in congested reinforcement and not easily accessible areas by producing flowable concrete.
- Reduces water ratio to the extent of 15 to 20%. Improves workability and compressive strength. Minimizes segregation and bleeding.
- To produce concrete with lower cement with similar strength and durability.
- To produce concrete with lower water cement ratio, higher strength and durability and workability of normal mix design.
- Suitable for fresh concrete and hardened concrete
- To create impervious and dense concrete, ideal for sloping roofs, thin shell roofs, domes where compaction or use of vibrator is not possible.

Method Of Application

The dosage ratio depends on mix design and site specification requirements, recommended dosage as a guideline is 300 ml to 800 ml per bag of cement.

Technical Information

PROPERTIES	RESULTS
Appearance	Free flowing thin liquid
Colour	Brown
Sp. Gravity @25°C. gms/cc	1.05 ± 0.02
Non volatile content, %	13 ± 0.05 %
PH value	11 - 13
Setting time, minutes	Initial – 100 ; Final - 185
Chloride content	>0.0003
Chloride content	0.002%
Water Permiability	>60 % of the Control

Pack Size

1,5,10 & 20 Ltr.

SUPER LATEX - 222 - SBR

Highly Potent And Versatile SBR Based Liquid
For High Performance Applications
In Waterproofing And Repairs.



Application Areas

As bond coating | As waterproof repair plaster |
As crack repair | As coating for prevention of corrosion in re bars
Efflorescence (salt petre /damp surfaces)



Technical Information

PROPERTIES	RESULTS
Type	Styrene Butadiene Polymer Liquid
Color	White
Specific Gravity	1.02 + 0.02
Storage Condition	Free From Frost
Solid Content	44 + 1%
Hard Dry	5-6 Hours
For Best Result	Use before 1 year if unopened
Consumption	1 Kg of Super Latex will cover 70-80 Sq.ft area in 2 Coats
Proportion Mix 1:4:7	Sper Latex : Water :Cement

Pack Size

500ml, 250 ml, 1, 5, 10 & 20 Ltr.

Features

Excellent Coverage -70-80 sq.ft per kg/ in 2 coats,
hence economical Less material wastage- material
does not fall back/ rebound, when used as bonding agent
High Bond Strength Prevents leakage & dampness
Enhances strength of a repair mortar & provides durability

FEATURES & BENEFITS -

SR. No.	AREAS OF APPLICATION	MIX (SUPER LATEX : WATER :CEMENT)	METHOD OF APPLICATION
1	As bond coat - <ul style="list-style-type: none"> Plaster to plaster Concrete to concrete For plaster over brick masonry 	1:4:7	<ul style="list-style-type: none"> Apply a single coat of the mixed quantity of Proofer Super Latex - 222 - SBR When coat is tacky, apply the plaster or concrete according to the situation Always add cement to the liquid (Proofer Super Latex - 222 - SBR : water =1 : 4)
2	As waterproof coating - <ul style="list-style-type: none"> Residential Water tanks Chajjas Terraces DPC Over sunken slabs in bathrooms 	1:4:7	<ul style="list-style-type: none"> Brush apply the 1st coat Apply 2nd coat after 1st coat is dry approximately 4 - 6 hrs between two coats Overlay the 2nd coat with screed/plaster for protection and finish
3	As waterproof repair plaster		<ul style="list-style-type: none"> Mix 1 kg of Proofer Super Latex - 222 - SBR with pre-measured water for 50 kg of cement. Use this mix to add to the recommended dry plaster mixes Plaster mixes may be as rich as 1:3 (cement:sand) Keep water-cement ratio in Plaster as low as 0.4 but not more than 0.45 For better application apply a bond coat with super latex as suggested earlier 2nd and final layer of plaster must not be mixed with super latex Add Proofer Super Latex - 222 - SBR to the second coat plaster. Take care to scratch-key the 1st coat surface for effective bond with the 2nd coat Bond coat over the 1st coat surface for effective bond with 2nd layer of plaster is must to be removed
4	Crack Repair - <ul style="list-style-type: none"> Plaster cracks more than 5 mm In gaps developed between masonry and RCC members 	1:4:7	<ul style="list-style-type: none"> Mix 1 kg of Proofer Super Latex - 222 - SBR with pre-measured water for 50 kg of cement Use this mix to add to the recommended dry mortar mixes Mortar mixes may be as rich as 1:3 (cement:sand) Keep water-cement ratio in Mortar as low as 0.4 but not more than 0.45 Clean the cracked area properly of all loose materials Wet the crack completely using a bottle spray. Apply a single coat as a bond coat prior to the crack filling of the Proofer Super Latex - 222 - SBR as per the mixing proportions mentioned earlier. Fill the crack with above prepared mortar Compact it into the crack fully and trowel finish to level <p>Proofer Super Latex - 222 - SBR</p>
5	As coating for prevention of corrosion in rebars	1:4:7	<ul style="list-style-type: none"> Rusted rebars must be thoroughly scraped, by mechanical means if required Brush apply a single coat of prepared mix over the rebars Apply concrete/mortar when the coat is tacky
6	For 'salt petre'- free plaster (efflorescence)Brick masonry	1:4:7	<ul style="list-style-type: none"> Brush apply the 1st coat on brick Apply 2nd coat after 1st coat is dry When 2nd coat is tacky, place plaster as per instruction in no.



Application Areas

Tanks in Fisheries | Portable water containers | Tanks | Reservoirs and spray ponds | Swimming pools and silos | Sumps | Fine water spray
Waterproofing planter boxes



Features

- Good bonding properties
- Good as a waterproof coating
- Static cracks can be filled with mortar
- A good modifier to make repair mortar/concrete
- Durable to UV exposure
- Eco-friendly

Method of Application

Mix 1 Litre of "Supercrete" liquid with 2 Kg of fresh 43 or 53 grade OPC (do not use lumpy or air set OPC or PPC) thoroughly to make smooth brushable consistency. Such mixed material (say 3 Kg.) will provide the coverage between 1.5 m² and 2.0 m² depending upon surface texture/porosity on a prepared surface. The thickness varies from 0.9 to 1.1 mm.

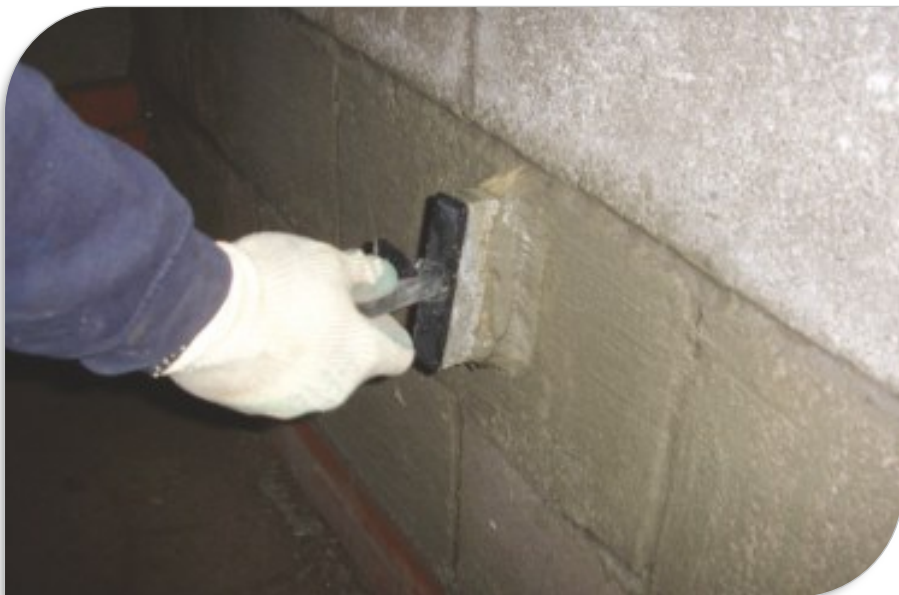
Technical Information

PROPERTIES	RESULTS
Appearance	Milky Liquid Polymer
Colour	Bluish White
Density	1.05 ± 0.02 Kg/Ltr.
Bond Strength	2 times more than normal cement slurry coating.
Waterproofing	10 times higher than the normal cement slurry
Min. Film Forming Temperature	5° C

Pack Size
1, 5, 10 & 20 Ltr.

BRUSH BOND

Two Component Acrylic Polymer Modified Elastomeric Waterproofing Membrane



Application Areas

Water Tanks | Reservoirs | Swimming Pools
Roofs And To Ensure Water Tightness | Concrete Decay
Seals Concrete Masonry Walls | Bridges | Shrinkage Cracks

Features

- Minimum surface preparation needed - Low labour costs.
- Applied directly to the damp concrete and masonry
- 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 vapour from interior of building
- Excellent for concrete roof, leaking brick and masonry walls

Method of Application

Brushbond BB is poured into a plastic or metal drum. To this an equal volume of clean fresh water is added, for brush application consistency. Then mixing is started with a slow speed drill (350-450 rpm). The powder component is added gradually to the liquid avoiding lump formation and mixed for 2-4 minutes. Mix and use. More material should not be mixed than can be used within pot life. Re tempering with water should not be done. Keep on stirring during application.



Technical Information

PROPERTIES	RESULTS
Pot Life at 200C	1 Hour
Adhesion to concrete	>1N/mm ²
Mixed Density	1.90Kg./Ltr. (Brushable Consistency)
Tensile Strength (ASTN D 638)	2N/mm ² (at 1.5mm thickness)
Colour	Grey
Application Temperature	Not less than 100c
Toxicity	Non-toxic

Pack Size

27(Powder - 23 kg, Liquid - 4 Ltr.)

TANK COAT - 101 (2 Component)

Polymer Modified 2 K Membrane



Application Areas

Tanks in Fisheries | Portable water containers | Tanks | Reservoirs and spray ponds | Swimming pools and silos | Sumps | Fine water spray
Waterproofing planter boxes

Features

- Withstands high hydrostatic pressures.
- High bond strength to concrete and masonry.
- The coating provides effective anti-carbonation over equivalent to many times its thickness in concrete.
- Excellent crack bridging capabilities even after long periods of immersion.
- Can be applied to green or damp concrete.

Method Of Application

Apply the mixed product by medium hard short bristle brush, towel or roller checking that the first coat is at a minimum wet film thickness of no more than 1.5 mm and no less than 0.5 mm. The product should always be finished in one direction. The second coat should be applied as soon as the first coat is set hard, normally after a minimum of 3 hours @ 30 C and longer at lower temperatures. This second coat should again be finished in one direction (normally at 90 to the first coat).



Technical Information

PROPERTIES	RESULTS
Colour	Liquid - White Powder - Gray
Mixing Ratio	70 (P) : 30 (L)
Surface dry	3 hours
Hard dry	8 to 10 hours
Pot life	1-2 hours
Film Property	Flexible & tough
Coverage-Smooth surface Brush	12-15 sq. ft./kg/coat

Pack Size

15 (Powder - 10 kg, Liquid - 5 Ltr.)

Areas of Application

Proofer Tile Grout is used for grouting of ceramic tiles, marbles, natural stones and edges.

- * Specially formulated for wet or submerged grouting applications such as swimming pool, bathrooms, toilets, fountains and kitchen areas.
- * It can be used for external and internal areas.
- * It is used in residential and commercial areas.
- * Application up to joint width of 2-4mm.
- * It is excellent for highly glazed tiles to give a smooth and watertight joints which when set will be both water and mould resistant.

Method of Application

1 Surface Preparation

- * Surface must be cleaned and should be free from dirt, cured tile adhesive. Remove dust with wire brush & by air blower.
- * For exterior grouting application, wet the tiles prior to applying **Proofer Tile Grout**.

2 Mixing

- * Add the grout powder to the mixing **Proofer Grout Hardner** (w:p ratio – 1 : 2.5 by volume) and mix with slow speed drill (250-300 rpm) to a soft & smooth consistency paste.
- * If the grout mortar has become too stiff to work, it should be discarded and a new batch should be prepared.

3 Application

Apply to the tile joints with squeegee, spatula or putty blade. After application flush the surface of tile using a hard rubber float, working diagonally across the grout joints to fill and compact the joints. All excess grout should be removed with the same rubber float without any delay.

*Lesser the quantity of grout left on the face of the tiles while application, the final cleaning will be easier. with **Proofer Tile Care**.

- *However, it is important to allow the grout to set in the joint and to let it acquire its initial set before any further cleaning. After the initial set of the grout, clean the tile surface with a pad of cheesecloth or towel dampened with minimum quantity of clean and cool water. Rub in a circular motion to further compact the grout.
- *The remaining surface grout on the tile can also be cleaned at this time. Scrubbing pad fastened to a float works very well to remove grout from the porous tiles.
- *Rebuff the tile surface and grout within 1-2 hours to remove all weep water and grout residue from the surface, which helps to reduce the efflorescence and to control colour variation.

4 CLEANING

*Polish the tiles when the job is complete with a clean dry cloth. Scrubbing the floor with hot water and soap water is the best.

*Due to polymer content, it is advisable to clean the surface immediately after the grouting.

Shelf Life & Storage

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

Store in a cool & dry place.

Health & Safety Precautions

Protective clothing, such as gloves and goggles, should be worn.

* Treat any contact to the skin or eyes with fresh water immediately.

* Do not induce vomiting & seek medical

* Assistance immediately.

* Reseal pack after use and ensure product is stored as instructed..

Approximate Coverage Ratio for Tiles Grout & Epoxy Grouts

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

Approximate Sq.ft Coverage per 5 kg. Grout

Method of Application

1 Surface Preparation

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

2 Mixing

Mix 20 kg of **Proofer Silver Adhesive (Grey)** with 5 to 6 liters of water | Mix to a uniform lump-free consistency using a forced action mixer | Keep it for 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 **Proofer Silver Adhesive (Grey)** 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 **Proofer 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.

Precautions & Limitations

Always add powder to liquid and not liquid to powder While working in temperature more than 35°C (95°F) always dampen the substrate & finish faster Tiling should not be done when surface temperature is below 40°C.

Health & Safety Precautions

Protective clothing, such as gloves and goggles, should be worn. Treat any contact to the skin eyes with fresh water immediately. Do not induce vomiting & seek medical Assistance immediately Reseal pack after use and ensure product is stored as instructed..

Shelf Life & Storage

Shelf life is 12 months from the date of manufacturing in unopened condition. Store in a cool & dry place.

TILE ADHESIVE DETAILS

SR.NO	PRODUCT	GREAD	PACK	APPLICATION AREA
1	SILVER ADHESIVE	GREY	20 KG	Applying ceramic wall tiles on wall internally, Applying vitrified tiles on floor (600x600 mm, 600x1200 mm, 800x800 mm, 800x1200 mm), Applying floor tiles on floor (300x300mm, 400x400 mm).
2	GOLD ADHESIVE	GREY	20 KG	Applying tile on tile wall and floor , Applying vitrified tiles on wall internally (600x600 mm, 600x1200 mm, 800x800 mm, 800x1200 mm) up to 10 feet, Applying window & door granites .
3	COPPER ADHESIVE	WHITE	20 KG	Applying tile on tile wall and floor , Applying vitrified tiles on wall Externally (600x600 mm, 800x800 mm) up to 10 feet, Applying window & door granites .
4	PLATINUM ADHESIVE	GREY	20 KG	Applying big size tile on tile (600x1200 mm, 800x800 mm, 800x1200 mm) , Applying vitrified tiles on wall internally (600x600 mm,800x800 mm)up to 20 feet, Applying small size marble & granites on wall internally (600 mmx600 mm,800 x800 mm).
5	PLATINUM ADHESIVE	WHITE	20 KG	Applying vitrified wall and tiles on wall externally (600x600 mm, 600x1200 mm, 800x800 mm, 800x1200 mm,1000x1000 mm)up to 30 feet , Applying small size marble & granites on wall externally (up to 800x1200mm).
6	RUBBY ADHESIVE	GREY	20 KG	Applying vitrified slabs wall internally (1000x1000 mm, 1200 x2400 mm 750x1500 mm), Applying vitrified tiles on wall externally (600x600 mm, 600x1200 mm, 800x800 mm, 800x1200 mm, 1000x1000 mm)up to 20feet, Applying natural stone, marble & granites onwall interlry up to 20 feet.
7	RUBBY ADHESIVE	WHITE	20 KG	Applying vitrified slabs wall externally (1000x1000 mm, 1200 x2400 mm 750x1500 mm) up to 30 feet , Applying vitrified tiles on wall externally (600x1200 mm, 800x800 mm, 800x1200 mm)up to 40 feet , Applying natural stone marble & granites on wall externally up to 30 feet.
8	DIAMOND ADHESIVE	GREY	20 KG	Applying all kind of heavy duty tiles,marbles,italian marble & stones internally up to 50 feet.
9	DIAMOND ADHESIVE	WHITE	20 KG	Applying all kind of heavy duty tiles,marbles, italian marble & stones externally up to 50 feet.
10	GLASS MOSAIC ADHESIVE	WHITE	20 KG	Specially formulated for applying glass mosaic ,ceramic mosaic ,resin stone mosaic ,river stone mosaic, and other all types of mosaic and ceramic tiles in swimming pool.
11	WOOD & STEEL ADHESIVE	WHITE (2 PART)	6+4 KG	Specially formulated for applying tiles on wood,steel, iron sheet,cement sheet, and glass surfaces or any other vibrating surfaces such as industry area where constant vibration occur or lift area.



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