

PRODUCT CATALOGUE

ISO 9001:2015 CERTIFIED COMPANY



Epoxy, Tile Grout, Adhesive &
All Building Construction Chemicals

growing
TOGETHER...

company profile

At **VOLTIC CHEMICALS**, we're dedicated to revolutionizing the construction industry through cutting-edge chemical solutions. With a commitment to excellence and sustainability, we provide a comprehensive range of products tailored to meet the diverse needs of modern construction projects.

Ready to elevate your construction projects?

Get in touch with us today to learn more about our products and how we can meet your specific needs.

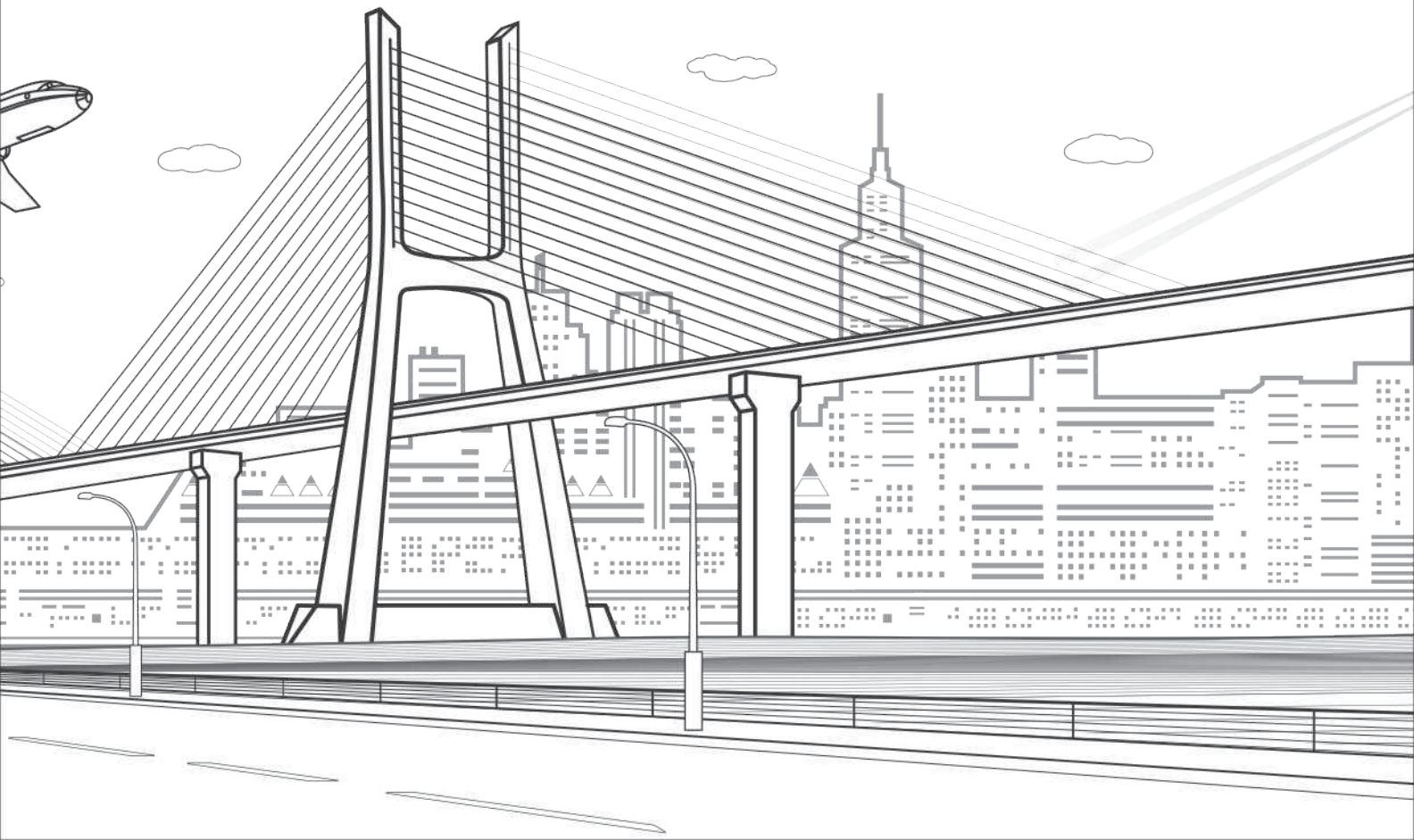
Let's build a brighter, stronger future together with **VOLTIC CHEMICALS**.

innovating construction solutions



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APPLICATION AREAS

Walls, Floors, Interiors, Dry & Wet Areas, Work Tops, Showers, Swimming Pools, Heavily Trafficked Floors, Hygienic Sterile, Chemical Resistance Areas, Hydrotherapy Pools

COVERAGE ESTIMATES

Pack Size	Coverage
1 Kg & 5 Kg	Consumption depend on joint width, size of tiles and good workmanship.

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



TECHNICAL INFORMATION

Properties	Results
Shear Adhesion Strength	>2 N/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 (14day Air)

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

EPOXY GROUT | 3 PART

resin based grouts, normal & sparkle



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APPLICATION AREAS

Kitchen Bathrooms, Swimming Pools, Fountains, Hospitals, Operations Theaters, Sterilization Rooms, Restaurants, Cafeterias, High Traffic areas

COVERAGE ESTIMATES

Pack Size	Coverage
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Epoxy Grout	>3.6 Wet Condition (kN)



APPLICATION AREAS

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

COVERAGE ESTIMATES

Pack Size	Coverage
1 Kg	Consumption depend on joint width, size of tiles and good workmanship.

FEATURES

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



TECHNICAL INFORMATION

Properties	Results
Pot Life @ 30° C, Minutes	60
Open Time, Minutes	60
Adjustability, Minutes	15-20
Initial Set @ R T, Hours	2
Final Set @ R T, Hours	8
Shrinkage, %	>0.1
# Water Absorption, %	8.3

GROUT ADMIX



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APPLICATION AREAS

Use with all type of Cementos grout

COVERAGE ESTIMATES

Pack Size	Coverage
250 ml, 500 ml & 1 Ltr.	Consumption depend on joint width, size of tiles and good workmanship

FEATURES

- Polymer additive for cementos polymer grouts, super grouts & wide joint grouts
- Improves the flexibility for cementos polymer grouts, super grouts & with joint grouts
- Improve the strength
- Increase the abrasion resistance grouts



TECHNICAL INFORMATION

Properties	Results
Physical appearance	White Liquid
Specific gravity	0.955
Solid contain	20.5%
Odour	Medium

for a stronger
TOMORROW



VOLTICTM
strength in every drop

NSA S22

TILING SOLUTIONS

HIGH POLYMER MODIFIED ADHESIVE FOR VITRIFIED,
PORCELAIN, ON WALL, CLADDING & FLOOR FOR
INTERNAL & EXTERNAL USE.



CEMENT BASED ADHESIVE FOR FLOOR AND WALL TILES

net weight
20 Kg



VOLTICTM
strength in every drop

VOLTICTM
strength in every drop

growing
TOGETHER...

growing
TOGETHER...

net weight
20 Kg



VOLTICTM
strength in every drop

NCA C11

tile fixing adhesive for internal wall & floor applications



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APPLICATION AREAS

Applying ceramic wall tiles on wall internally (300 x 300mm, 400 x 400mm), Applying vitrified tiles on floor (600 x 600mm, 600 x 1200mm, 800 x 800mm, 800 x 1200mm).

COVERAGE ESTIMATES

Pack Size	Coverage
20 Kg	Approximately 5 to 5.5 m ² / 20kg @ 3mm thickness when using a thin trowel

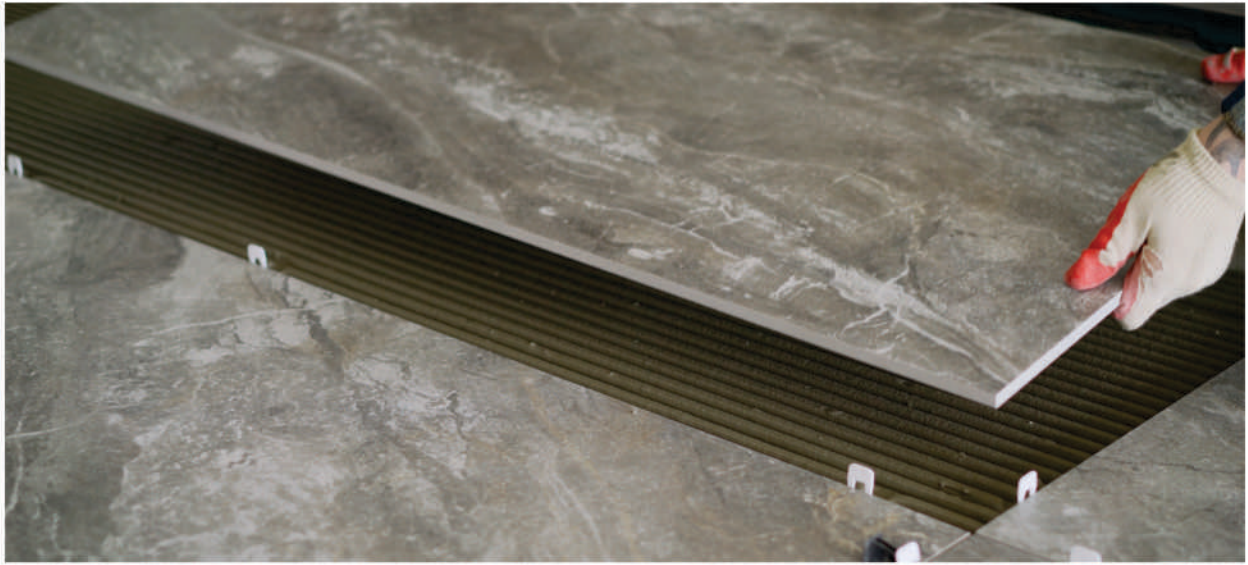
FEATURES

- Suitable for fixing ceramic tiles for floor & walls
- Polymer modified adhesive
- Good strength & interior situations
- Easy mixing & application
- NCA C11 meets the adhesion requirements of ISO certificate specification for Adhesive for use with ceramic tiles



TECHNICAL INFORMATION

Properties	Results
Appearance	Free flowing powder
Colour	Grey
Pot life @ 25°C, 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	>750 N Force
EN 12004 Standards	C1 (Type - 1)



APPLICATION AREAS

Applying tile on tile, ceramic wall tiles on wall internally. Applying vitrified tiles on floor (600 x 600mm, 600 x 1200mm, 800 x 800mm, 800 x 1200mm) Applying vitrified tiles on wall (300 x 300mm, 400 x 400mm, 600 x 600mm).

COVERAGE ESTIMATES

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

FEATURES

- Suitable for fixing ceramic tiles for floor & walls
- Polymer modified adhesive
- Good strength & interior situations
- Easy mixing & application
- NSA S22 meets the adhesion requirements of ISO certificate specification for Adhesive for use with ceramic tiles



TECHNICAL INFORMATION

Properties	Results
Appearance	Free flowing powder
Colour	Grey
Pot life @ 25°C, 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	C1E (Type - 2)

NSA G33 (GREY)

Interior & exterior wall & floor tile / stone adhesive / tile on tile



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APPLICATION AREAS

Applying tile on tile wall and floor. Applying vitrified tiles on wall internally (600 x 600mm, 600 x 1200mm, 800 x 800mm, 800 x 1200mm) upto 10 feet. Applying window & door granites.

COVERAGE ESTIMATES

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

FEATURES

- High polymer modified adhesive
- Easy mixing & smooth application & better workability
- High strength
- For use on walls and floors in interior & exteriors
- NSA G33 meets the performance requirements of ISO certificate specification for adhesive for use with ceramic tiles & stones



TECHNICAL INFORMATION

Properties	Results
Appearance	Free flowing powder
Colour	Grey
Pot life @ 25°C, 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	C2T (Type - 3)



APPLICATION AREAS

Applying tile on tile wall and floor. Applying vitrified tiles on wall Externally (600 x 600mm, 800 x 800mm) upto 10 feet. Applying window & door granites.

COVERAGE ESTIMATES

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

FEATURES

- High strength
- High polymer modified adhesive
- For use on walls & floor in interior & exterior
- Easy mixing, smooth application & better workability
- NSA G44 meets the performance requirements of ISO certificate specification for adhesives for use with ceramic tiles & stones



TECHNICAL INFORMATION

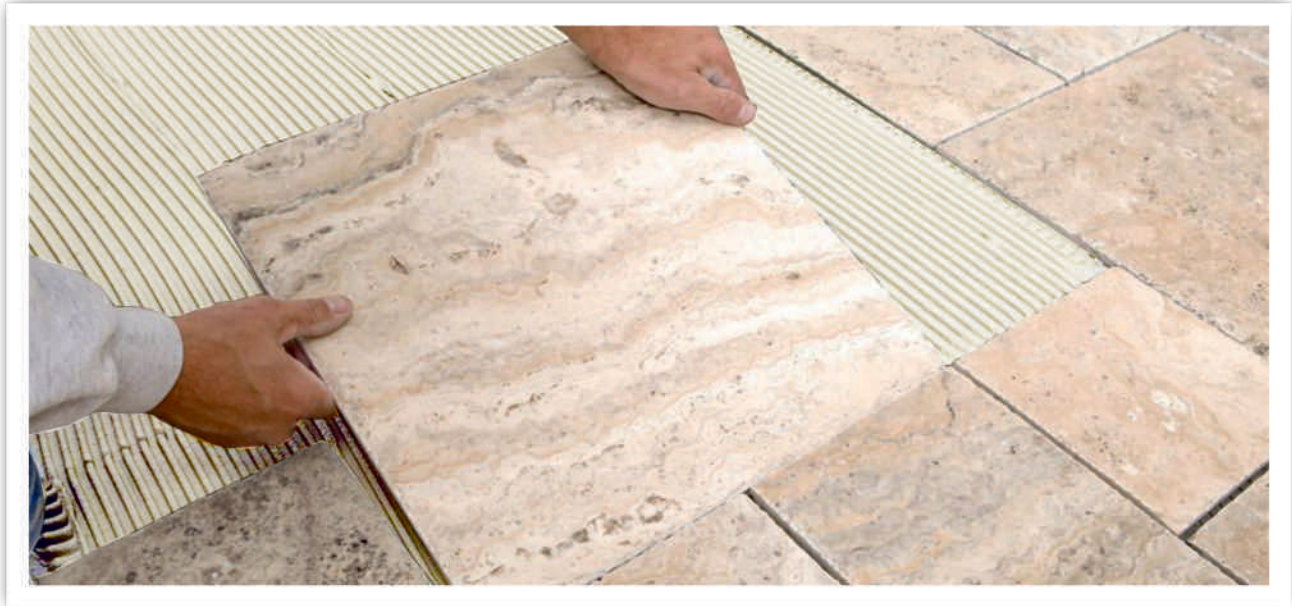
Properties	Results
Appearance	Free flowing powder
Colour	White
Pot life @ 25°C, minutes	35 to 45
Open time, minutes	>20
Adjustability time, minutes	5
Trafficable time, Hrs	24
Shear adhesion, M pa	8-10
Tensile adhesion strength, 14 days, M pa	>1680 N Force
EN 12004 Standards	C2T (Type - 4)

NSA P55 (GREY & WHITE)

interior & exterior, wall & floor tiles, italian marble & stone



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APPLICATION AREAS

Applying vitrified tile on tile on wall and floor, tiles on wall and floor externally (600 x 600mm, 600 x 1200mm, 800 x 800mm, 800 x 1200mm, 1000 x 1000mm) upto 30 feet. Applying small size marble & granites on wall externally (upto 800 x 1200mm), use also in swimming pool

COVERAGE ESTIMATES

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

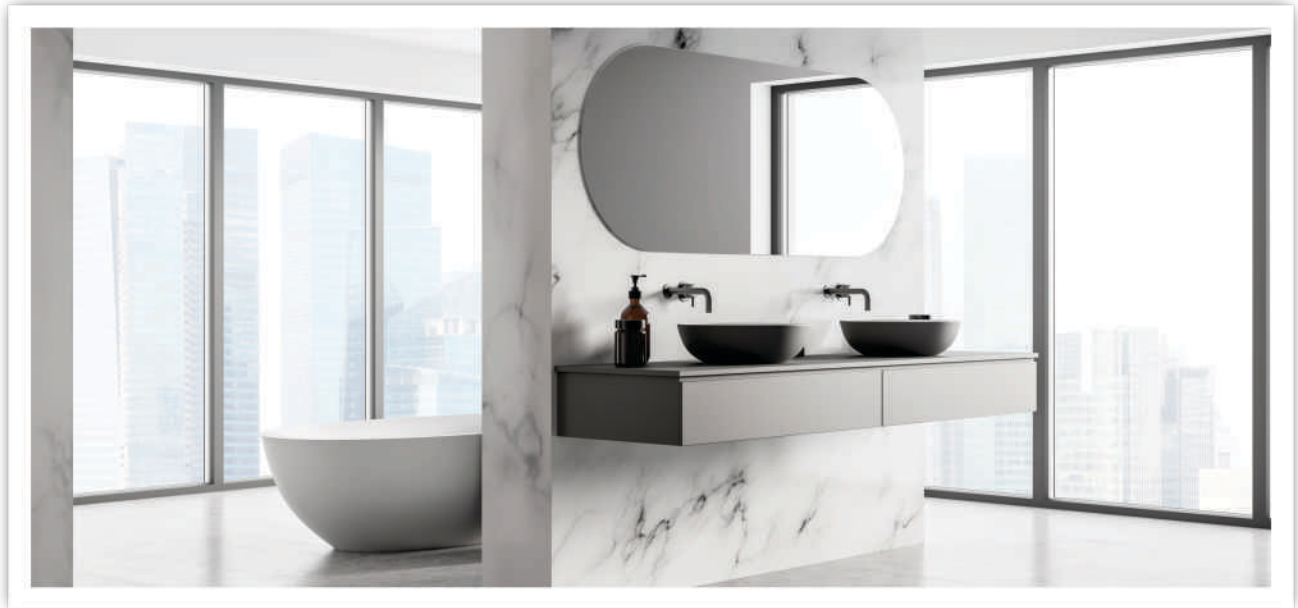
FEATURES

- High polymer modified adhesive
- Easy mixing & smooth application & better workability
- For use on walls & floor in interior & exterior
- High strength & water resistance
- NSA P55 meets the performance requirements of ISO certificate specification for adhesives for use with wall tiles, floor tiles, marbles, granites & stones



TECHNICAL INFORMATION

Properties	Results
Appearance	Free flowing powder
Colour	Grey / White
Pot life @ 25°C, 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 (Type - 5)



APPLICATION AREAS

Applying vitrified tile on tile, Applying vitrified slabs on wall externally (1000 x 1000mm, 1200 x 2400mm, 750 x 1500mm) upto 30 feet. Applying vitrified tiles on wall externally (600 x 1200mm, 800 x 800mm, 800 x 1200mm) upto 40 feet. Applying natural stone marble & granites on wall, externally upto 30 feet, use also in swimming pool.

COVERAGE ESTIMATES

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

FEATURES

- Very high polymer modified
- Very high performance & strength
- Premium multi use adhesive
- Excellent water & frost resistance
- Excellent tensile & shear adhesion
- NSA R66 exceeds the requirements of ISO certificate specification for adhesive for use wall tiles, floor tiles, marbles, granites and stones



TECHNICAL INFORMATION

Properties	Results
Appearance	Free flowing powder
Colour	Grey / White
Pot life @ 25°C, 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	C2TES1 (Type - 5)

BLOCK ADHESIVE

high adhesion of fly ash block



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APPLICATION AREAS

Use for Fly Ash Block Adhesion

COVERAGE ESTIMATES

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

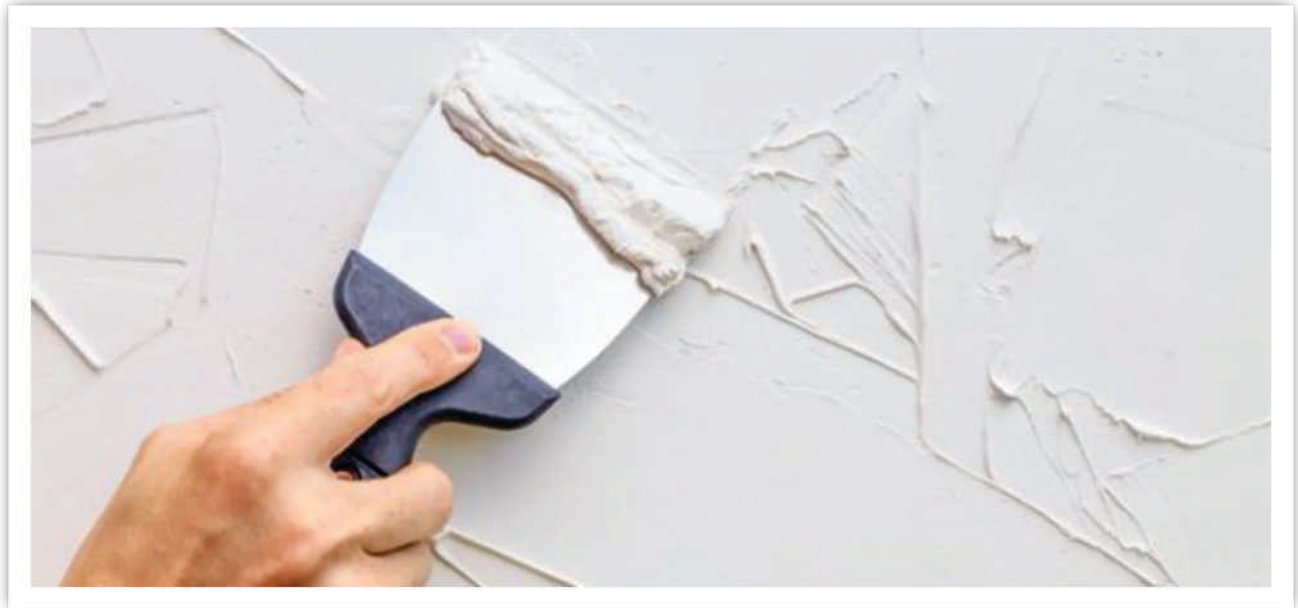
FEATURES

- Power formula
- Fast acting
- Easy to apply
- Excellent workability
- Excellent adhesion strength
- Excellent durability
- Self curing



TECHNICAL INFORMATION

Properties	Results
Color	Grey
Water requirement	9-10 L / 40 kg
Open & adjustable time	20 Min
Port life	120 Min
Initial & final setting time	B240 min & FST:360 min
Tensile adhesion strength	>1N/mm ² (at the age of 28 days)
Compressive strength	>12 Mpa (at the age of 28 days)
Flexural strength	>2.5 Mpa (at the age of 28 days)



PRODUCT DESCRIPTION

Voltic wall putty is a white cement and polymer based product with redispersible polymer and functional additives for application on interior and exterior rough plasters to give a smooth finish.

COVERAGE ESTIMATES

Pack Size	Coverage
20 Kg	Approximately 2 coats 10-15 sq.ft/kg for upto 1.5mm thickness in 2 coats.

Colour : White

FEATURES

- Provides smooth and uniform finish to rough plasters
- Good workability
- Does not require curing with water
- Good water resistance
- Good tensile adhesion strength, compressive strength & flexural strength
- Controlled water vapour permeability
- Excellent abrasion resistance
- Resists growth of algae and fungi on wall
- Good intercoat adhesion to emulsion paints



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 4°C.

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.

Shelf Life & Storage

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

Store in a cool & dry place.



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)

Pack Size

500 ml, 1 Ltr & 5 Ltr

FEATURES

Excellent coverage 70-80 sq. feet 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.



TECHNICAL INFORMATION

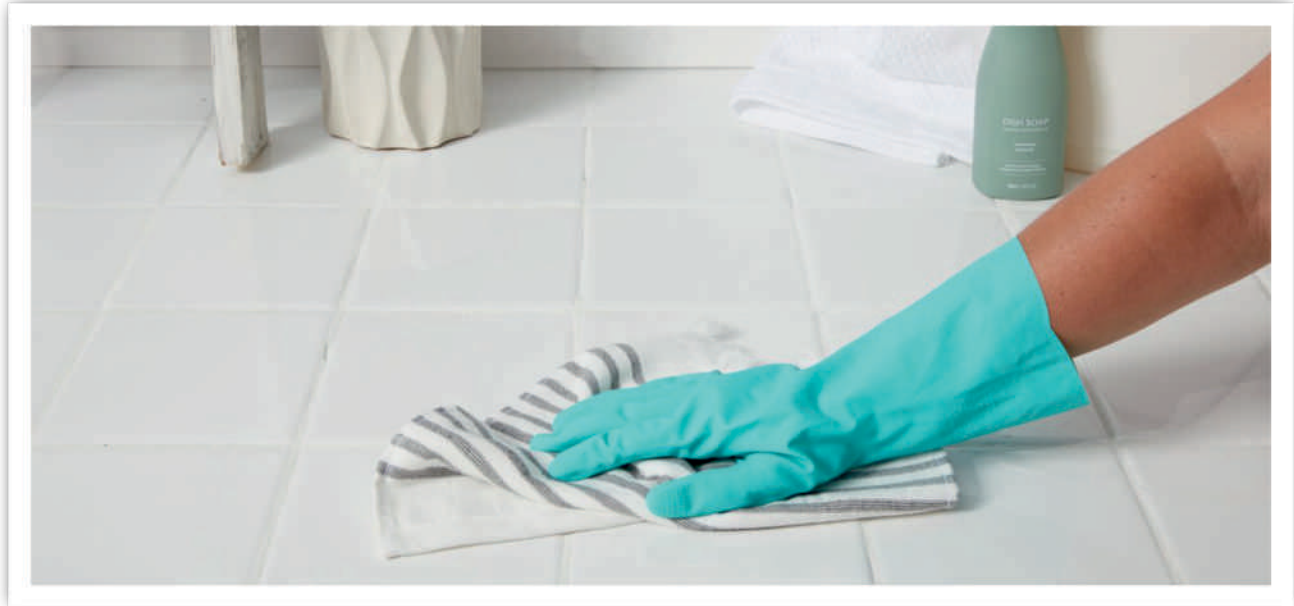
Properties	Results
Type	Styrene Butadiene polymer liquid
Colour	White
Specific gravity	1.02 + 0.02
Storage condition	Free from frost
Solid content	44 + 1 %
Hard dry	5-6 Hours
For best resust	Use before 1 year if unopenend
Consumption	1 Kg of super latex will cover 70-80 sq.ft area in 2 coats
Proportion Mix 1:4:7	Super Latex : Water : Cement

FEATURES & BENEFITS



FEATURES & BENEFITS

Sr. No.	Areas Of Application	Mix (Super Latex : Water : Cement)	Application Area
01	As bond coat - 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 SBR • When coat is tacky, apply the plaster or concrete according to the situation • Always add cement to the liquid (SBR : water = 1:4)
02	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
03	As waterproof repair plaster		<ul style="list-style-type: none"> • Mix 1kg of SBR with pre measured water for 50kg 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 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
04	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 1kg of SBR with pre measured water for 50kg of cement. • Use this mix to add to the recommended dry plaster mortar mixes • Mortar 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 • 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 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 SBR
05	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
06	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

Walls, floor, interiors, exteriors, dry & wet areas, showers, swimming pools

Pack Size

500 ml, 1 Ltr & 5 Ltr

INSTRUCTIONS FOR USE

A powerful, heavy duty, acid based cleaner for ceramic tiles floors 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. It may also be used as general purpose cleaner on other acid resistance 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.

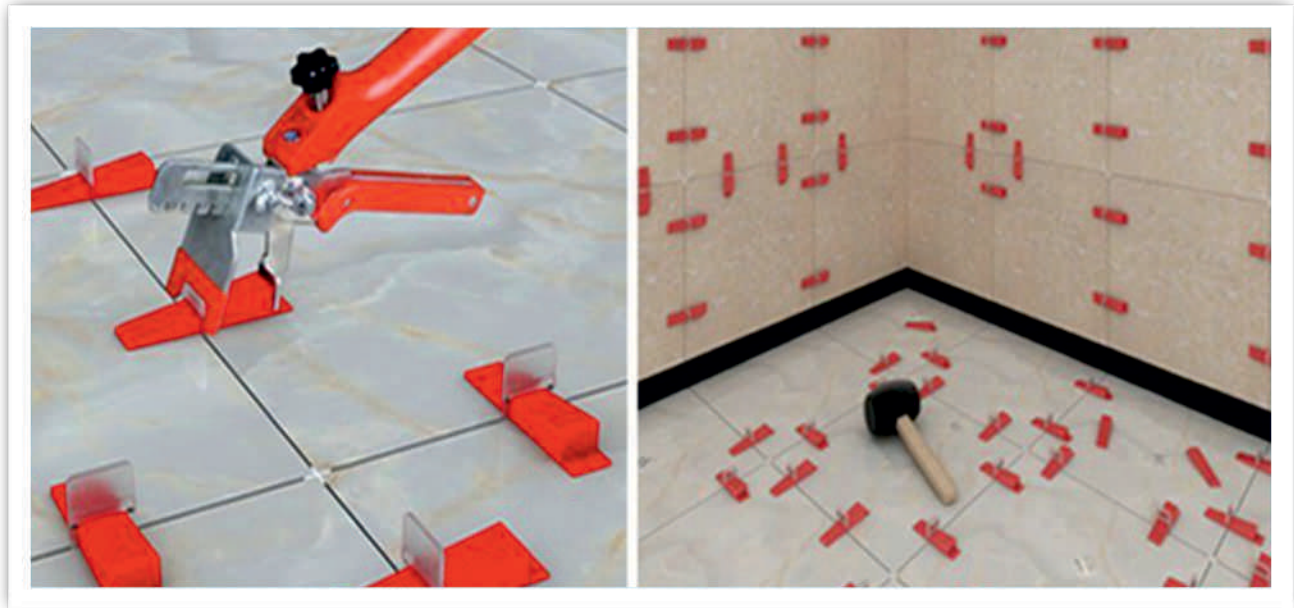


TILES EQUALIZER

tiles leveling & equalizing surface



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APPLICATION AREAS

Walls, floor, interiors, exteriors, showers, swimming pools

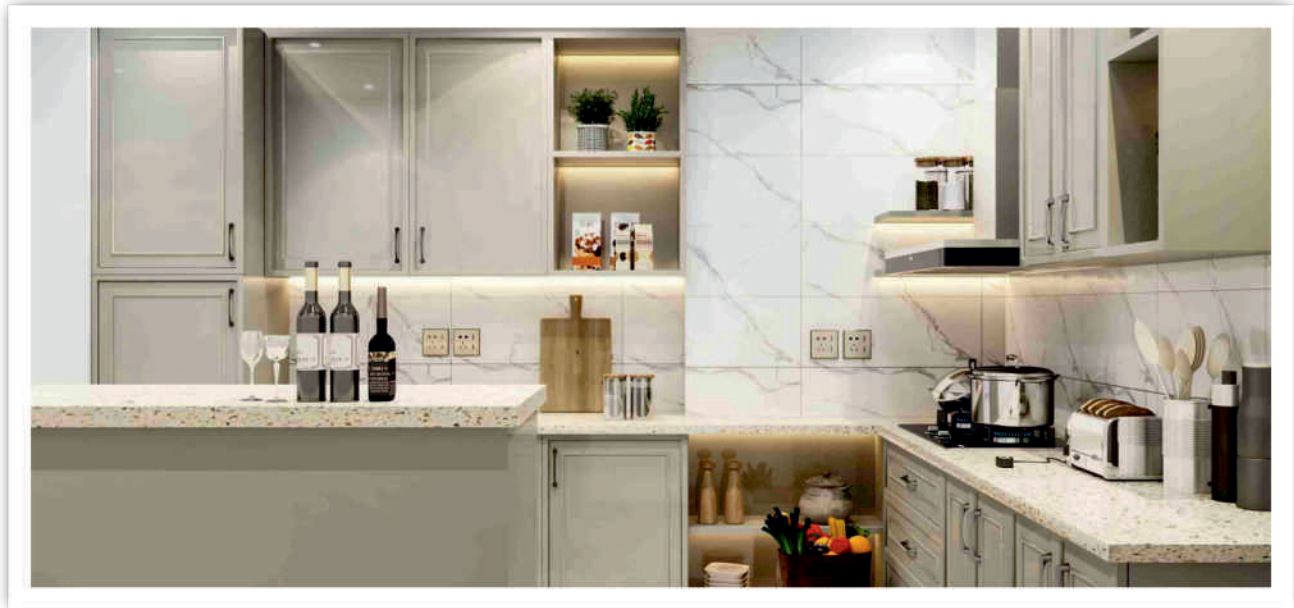
Pack Size

50 (Clip) + 50 (Wedge)



DEMAND QUANTITY (CLIP/M²)

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



APPLICATION AREAS

Door & window framing, kitchen platform, vertical cladding & stones, wooden furniture, industries like sports & speaker etc.

Pack Size

800 gm & 1 Kg

INSTRUCTIONS FOR USE

- Roughen, degrease & dry surfaces to be bonded
- Mix equal volume of resin & hardener, use the mix within 45 minutes.
- Apply thin layer on both surfaces and clamp joint overnight

BENEFITS

- High bond strength of 120 kg/sq.cm and load bearing capacity of 470+ Kg
- Highest coverage of 66.6 sq. ft/kg
- Effortless mixing
- Heat & chemical resistant.

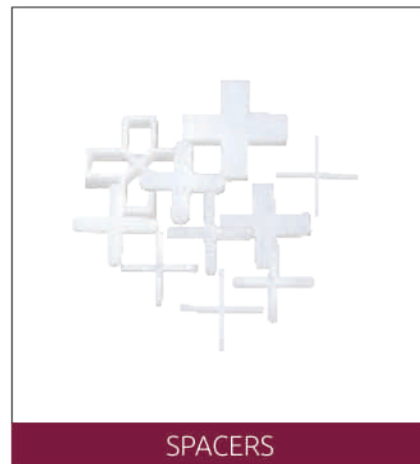
COVERAGE

- 70 - 80 Sq. Ft. on leveled screed when applied by a thin trowel with 2-3 mm bed thickness.



ACCESSORIES

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ISO 9001:2015 CERTIFIED COMPANY



Manufacturing By :

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CUSTOMER CARE

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