

*Perfect Bonding*



Factory :  
**VERSATILE CHEMICALS**  
Old Industrial Area,  
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DISCLAIMER: The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.







## ABOUT US

The **VERSATILE** brand brings all of **VERSATILE**'s expertise together to create chemical solutions for new construction, maintainance, repair, and renovation of structures. **VERSATILE** is built on the experience gained from more than a century in the construction industry. The know-how and experience of a global community of **VERSATILE** construction experts from the core of **VERSATILE** combines the right elements from our portfolio to solve your specific construction challenges. We collaborate across areas of expertise and regions and draw on the experience gained from countless construction projects worldwide. We leverage global **VERSATILE** technologies, as well as our in-depth knowledge of local building needs, to develop innovations that help make you more successful and drive sustainable construction.

The comprehensive portfolio under **VERSATILE** brand encompasses concrete admixtures, cement additives, chemical solutions for underground construction, waterproofing solutions, sealants, concrete repair and protection solutions, performance grouts and performance flooring solutions.

With the growing urbanization, the demand for housing has gone up significantly. This leads to an increase in sanitation requirements. Also with the economy in a growth phase, coupled with young population, the demand for high and mid-range luxurious apartment facilities has gone up. With increase demand, comes faster construction requirements high and mid-range developers adopting dry wall construction as a regular practice, adds fuel to the demand for extremely effective and engineered waterproofing systems.

CONTENT	Page
---------	------

■ ABOUT US	1
■ ADHESIVE SELECTION	3
■ CLASSES OF ADHESIVE	4

ADHESIVES

■ Easy Fix Adhesive	6
■ Super Fix Adhesive	7
■ Royal Fix Adhesive	8
■ Ultra Fix Adhesive	9
■ Xtreme Bond Fix Adhesive	10

TECHNICAL SPECIFICATION	11
-------------------------	----

EPOXY GROUT	13
-------------	----

POLYMER GROUT   ADMIXTURE	14
---------------------------	----

TILE SPACER   CLEANERS	15
------------------------	----

COLOR CHART	17
-------------	----



HOW TO CHOOSE THE RIGHT ADHESIVE?

When installing ceramics tiles, the adhesive is used to create a strong, VERSATILE bond between the tiles and the tilling substrate. To choose the most suitable adhesive, the specific requirements of each project (the area where the tiles are installed, service conditions when in use, type of substrate, dimensions of the tiles etc.) and any installation constraints (installation schedule, installation technique, etc.) must all be taken into consideration. VERSATILE proposes a vast range of adhesives which are classified according to EN 12004 or ISO13007-1, IS:15477 Standards, based on the following criteria :

CHEMICAL COMPOSITION

Cementitious (C), adhesives made from a mixture of hydraulic binders, aggregates and chemical admixtures. They may be either a one-component type, which means they just need to be blended with water, or a two-component type, which means they are blended with water and/or latex-Dispersion (D), a mixture of organic binders dispersed in water polymers with organic admixtures-Reactive (R), a mixture of synthetic resins which harden through a chemical reaction (components A and B)





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#### Adhesion capacity:

- **Class 1** : Normal adhesives;
- **Class 2** : Improved adhesives;

#### Optional classes:

- **Class F** : Fast-setting adhesives;
- **Class T** : Reduced slip adhesives;
- **Class E** : Adhesives with extended open time;
- **Class S1** : Deformable adhesives (for Cementitious adhesives only)
- **Class S2** : Highly deformable adhesives (for Cementitious adhesives only)

Apart from the main guidelines explaining how to use the product correctly, the packaging for each **VERSATILE** product also indicates the relative certification of the product and its main technical characteristics.

For all information regarding the technical characteristics of **VERSATILE** products and instructions on how to use them correctly, refer to the specifications contained in each product relative Technical Data Sheet, available for viewing or download at the company's official website





## EASY FIX



VERSATILE Easy Fix adhesive is a blend of carefully selected raw materials, containing polymer powders, Portland cement and silica sand, it can be mixed with water for installing small and medium size ceramics floor tiles for use in interior areas by spreading a thin layer of adhesive.

### Advantages:

- No curing required.
- Expand the scope for aesthetics and quality of construction.
- Enable faster completion of job-savings time and money.
- Suitable for any substrates.
- Higher working time.
- Easy to apply.
- Exceeds the requirements of IS:15477 , Type-1.
- Economical
- Best for fixing ceramics tiles on floor.

### COVERAGE:-

Approx 50-60 sq.ft/ .... Bag with notch trowel for a bed of 3mm.

### APPLICANTS:-

Designed for internal floor application.

### PACKAGING:- 20KG

### SUITABLE SUBSTRATES:-

Cement Motor Bed, Cement Plaster, Brick Masonry, Cement Terrazzo.

### COMPLIANCE:- MEETS THE FOLLOWING STANDARDS.

- ANSI: Meets ANSI A 118.1 T
- MEETS IS:15477 , TYPE-1 ADHESIVE
- EN 12004/180 13007:CIT
- VOC : Practically nil.

### SHELF LIFE:

1 year in dry unopened bags.



## SUPER FIX

VERSATILE SUPER FIX adhesives is a cement based polymer modified quick set adhesives. It is suitable for interior and exterior surfaces wet and dry areas, wall, floors and ceilings of new and renovated buildings. Also suitable for fixing big size tiles on interior and exterior facedes.

### Advantages

- White adhesive meets the requirement of IS 15477:2004 Type-1, BS 5980:1980.
- White adhesive is suitable for use in interior /exterior installation of medium size Tiles on wall & floor.
- Excellent strength.
- Highly water resistant.
- Shock and impact resistant.
- Provide extra open time and adjustability.
- Easy to use and apply.
- Single component, just add water.

### COVERAGE:-

Approx 50-60 sq.ft/ .... Bag with notch trowel for a bed of 3mm.

### APPLICANTS:-

Internal & external wall & floor tiles of small as well as big sizes.

### PACKAGING:- 20 KG

### SUITABLE SUBSTRATES:-

Concrete, Cement Plaster, Brick Masonry, Cement Backer Board, Concrete Masonry, Cement Mortar Beds, Ceramic Tile and Stone, Cement Terrazzo, Gypsum Wallboard.

### COMPLIANCE:- MEETS THE FOLLOWING STANDARDS.

- ANSI: Meets ANSI A 118.1 T
- MEETS IS:15477 , TYPE-1 ADHESIVE
- EN 12004/180 13007:CIT
- VOC : Practically nil.

### SHELF LIFE:

1 year in dry unopened bags.



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## ROYAL FIX



VERSATILE ROYAL FIX Adhesive is a polymer modified thin set adhesive. Very high performance in strength premium and multi use adhesive. Excellent surfaces wet and dry areas, wall, floors and ceilings of new and renovated buildings. Specially designed for fixing big size tiles and stone slabs on interior & exterior facades.

### Advantages

- Self curing adhesive, Highly flexible, Economical saves time and money,
- Excellent for stone cladding, Fortified extra adhesive strength,
- Suitable for thick bed installation
- Exceeds ANSI A 118.4/11 & En1348 for C2TES1 IS 15477:2004 Type-2, BS 5980:1980.
- Excellent for underwater applications. Single component, just add water.
- Exceeds Shear bond strength requirements, Ultimate adhesion for porcelain and glass tiles.

### COVERAGE:-

Approx 50-60 sq.ft/ .... Bag with notch trowel for a bed of 3mm.

### APPLICANTS:-

Internal & external wall & floor tiles of all sizes.

### PACKAGING:- 20KG

### SUITABLE SUBSTRATES:-

Concrete, Cement Plaster, Brick Masonry, Cement Backer Board, Concrete Masonry, Cement Mortar Beds, Ceramic Tile and Stone, Cement Terrazzo, Gypsum Wallboard.

### COMPLIANCE:- MEETS THE FOLLOWING STANDARDS.

- ANSI: A 118.4 Et & EN 12004/ISO 13007 for C2TE S1
- MEETS IS15477: TYPE 2 ADHESIVE
- VOC : Practically Nil

### COLOUR :- GREY & WHITE

### SHELF LIFE:

1 year in dry unopened bags.



## ULTRA FIX

VERSATILE ULTRA FIX adhesive is white cement based polymer modified tile adhesive specially designed for glass mosaic applications on internal/external vertical/horizontal surfaces. Being excellent in waterproofing, designed to be used in water bodies.

### Advantages

- Self curing adhesive, Highly flexible, Economical saves time and money.
- Excellent for glass mosaic, Fortified extra adhesive strength,
- Suitable for thin bed installation.
- Exceeds ANSI A 118.4/11 & En1348 for C2TES1 IS 15477:2004 Type-2, BS 5980:1980.
- Excellent for underwater applications. Single component, just add water.
- Exceeds Shear bond strength requirements, Ultimate adhesion for glass mosaic and glass tiles.
- Excellent for swimming pools, fountains, Showers & Water Bodies etc.
- Water shock Resistant

### COVERAGE:-

Approx 80-100 sq.ft/ .... Bag with notch trowel for a bed of 3mm with use in glass mosaic.

### APPLICANTS:-

Glass tiles, Glass mosaics on internal/external wall or floor, swimming pools, Bathrooms, water bodies, showers, fountains, Dry & wet areas, pillars, interior & exterior.

### PACKAGING:- 20 KG

### SUITABLE SUBSTRATES:-

Concrete, Cement Plaster, Brick Masonry, Cement Backer Board, Concrete Masonry, Cement Mortar Beds, Ceramic Tile and Stone, Cement Terrazzo, Gypsum Wallboard.

### COMPLIANCE:- MEETS THE FOLLOWING STANDARDS.

- ANSI: A 118.4 Et & EN 12004/ISO 13007 for C2TE S1
- MEETS IS15477: TYPE 2 ADHESIVE
- VOC : Practically Nil

### SHELF LIFE:

1 year in dry unopened bags.





XTREME BOND

Xtreme Bond Adhesive is " Highly deformable multipurpose tile adhesive" for all ceramic coverings and substrates. Suitable for fixing laying non-vitrified tiles, vitrified tiles, fully vitrified tiles, porcelain mosaic, glass mosaic, glass tiles, brick tiles, terracotta, artificial and non-staining, for cladding of natural stones, dholpur , marbles , Italians marbles , tiles, granites , stone slabs of any size at any height in internal and external situations. It is Cementitious thin-set powder to be mixed only with water to install various types of large slabs, tiles and stones on variety of substrates using thin set method of installation. It makes the stone resistant to stains, seepage and discoloration. It is specially designed to produce a high strength that meets and exceeds the requirement of Indian and British standards.

Advantages

- Exceeds ANSI A 118.4/11 & En1348 for C2TES2 IS 15477:2004 Type-2, BS 5980:1980.
- Exceeds Shear bond strength requirements,
- Ultimate adhesion for stone claddings , Big size tiles, marbles, granites etc.
- Self Curing adhesive & Highly Flexible
- Excellent for stone cladding
- Fortified extra adhesive strength
- Suitable for thick Bed Installation

**COVERAGE:** Approx 50-60 sq.ft/.....Bag with notch trowel for a bed of 3mm.

**APPLICANTS :** Suitable for natural stones, dholpur, marbles, Italians marbles, tiles, granites, stone slabs of any size at any height in interior & exterior building surfaces.

**PACKAGING:-** 20 KG

SUITABLE SUBSTRATES:-

Concrete, Cement Plaster, Brick Masonry, Cement Backer Board, Concrete Masonry, Cement Mortar Beds, Ceramic Tile and Stone, Cement Terrazzo, Gypsum Wallboard.

COMPLIANCE:- MEETS THE FOLLOWING STANDARDS.

- ANSI: A 118.4 Et & EN 12004/ISO 13007 for C2TE S2
- MEETS IS15477: TYPE 2 ADHESIVE
- VOC : Practically Nil



**SHELF LIFE:**  
1 year in dry unopened bags.



WARNINGS AND RECOMMENDATIONS

- Do not apply this product when frost is forecasted
- Do not apply at temperatures below 5C° or above 45C°.
- Do not apply in areas where there is a risk of standing water  
In extreme weather conditions (wind of high temperatures), the product will dry more quickly than usual.
- This will result in a shorter open time.
- In high temperatures windy conditions or if the application surface is very absorbent it is advisable to moisten the surface and wait for the film of water to disappear before applying the product.
- Check periodically that a surface film has not formed on the adhesive paste once it has been spread onto the surface. If a film has formed remove the product and apply a fresh coat.
- Check that paste is sticky enough by periodically lifting one of the tiles already in place to ensure that it is well stuck down.
- Use within 1 year of date of packaging store the product in its original packaging in a dry covered place protected from humidity

S.N	TESTS	RESULTS				
		EASY FIX	SUPER FIX	ROYAL FIX	ULTRA FIX	XTREME BOND
1	Tensile adhesion,N a) Dry condition, (After 14 days in normal laboratory conditions)	1041		1111		
	b) Wet condition, (After 7 days in normal laboratory conditions followed by 7 days immersion in water)	858		975		
2	Shear Adhesion Strength, kN a) Dry Condition (After 24 days in normal laboratory conditions) b) Dry condition, (After 14 days in normal laboratory conditions) c) Heat Ageing Condition (After 7 days in normal laboratory conditions followed by 7 days in oven at 100±2@) d) Wet condition, (After 7 days in normal laboratory conditions followed by 7 days immersion in water)	3.12 8.21 4.47 5.7	4.31 10.55 6.65 6.98	3.19 8.30 5.26 5.66	4.38 10.84 7.77 8.57	6.45 11.87 9.22 10.45
3	Open Time, minute	35-40	25-30	30-35	30-35	25-30
4	Adjustability, minute	30-35	20-25	25-30	35-40	30-35

NOTE:- Results are approximate it may vary.

TECHNICAL





# VPOXY GROUT

(For Tile & Stone Joints)



VPOXY Grout stains colorants are water proof fluoropolymer color sealer with a unique component epoxy resin. It also seals and protects the grout from dirt, stains & abrasion. Easy application and cleanup. Dpox use in Interior & Exterior Wall and Floor, Residential and commercial installation, 100% solid epoxy grout suitable for ceramic tiles, vitrified tiles, marble and stone, especially in stain prone areas such as kitchens and washroom (residential and commercial installations).

**Applications:**

Restaurants, Swimming Pools, Showrooms, Hotels, Kitchens, Bathrooms, Lobbies, fountains, water bodies, hospitals, operation-theatres, sterilization rooms, cafeterias, light industrial applications and high traffic areas.

**Advantages:**

- Strong & VERSATILE
- 100% stainfree
- Uniform color
- Chemical & temperature resistant
- Anti-bacterial
- Anti-fungal

**Coverage:** Varies with the tile size and grout width.

**Packaging:** Net weight: 5 kgs. Two Part & Three Part.

Factory proportioned unit consisting of three conveniently packed components – Hardner, Resin (Part A and Part B) and Filler Powder (Part C).

**Colour:** Available in a range of more than 21 colours.

**Compliance:** Meets the following standards.

- ANSI: A 118.3
- EN 13888: RG2
- Voc: Very low

**Technical Specification**

PROPERTIES	RESULTS
Epoxy Grout	
Joint Width	2-20 mm
Pot Life	45 minutes @ 30°C
Setting Time	24 hours
Temperature Resistance	Min o C 5°C Max o C 50°C
Water Absorption after 4 hrs (EN 12808-5)	< 0.1g
Abrasion Resistance (EN 12808-5)	< 250 mm³
Shear Adhesion (EN 12808-5)	> 2N/mm²
Specific Gravity	1.75
Shore D Hardness	> 70
Mechanical Flexural strength 28 days (En 12808-5)	> 30 N / mm²
Mechanical Compressive strength 28 days (En 12808-5)	> 45 N / mm²



# VERSATILE GROUT

VERSATILE Series grout is made of blended Portland cement, graded aggregates, polymers and colour-fast pigments, it provides a tile joint that is strong, hard and VERSATILE. Designed for joint width of 3mm to 12mm for non-absorbent and vitreous tiles, it is suitable for interior and exterior use.

**Applications :** Residential, commercial, Internal & external facades.

**Advantages :** For tile joints 3-12mm

- Uniform colour
- Hard and VERSATILE
- Economical

**Mixing Ratio:** Use approx. 250ml. Grout admix with 1Kg Grout.

**Coverage:** Varies with tile size and grout width.  
**Packaging:** 1 kg .  
**Colour:** Available in a range of more than 21 colours.  
**Compliance:** Meets the following standards.

- ANSI : Meets ANSI A 118.1 T
- IS:15477, : 2004
- EN 12004/180 13007:CIT



## VERSATILE TILE SPACER

### The Importance of Using Tile Spacers Even Grout Lines

The size of your grout lines is determined, to a large extent, by the spacing between tiles even grout lines are created when tiles are laid in a grid. This is best achieved with the help of spacers which act as a reliable guide and give perfect symmetry to your project. Uniform grout lines contribute to an overall neat and proportional appearance of the installed tiles. Spacers also enable you to eliminate crooked lines and a sloppy appearance on tiled surfaces.

**AVAILABLE IN VARIOUS SIZES, HIGH GRADED MATERIAL,  
INCREASES THE LIFE OF TILE**

### VARIOUS SIZES OPTION

- 2MM •6MM
- 3MM •8MM
- 4MM •10MM
- 5MM



## TILE CLEANER



VERSATILE Tile & Marble cleaner is an acidic cleaner which can be used to remove grout and adhesive haze, hard water deposit and other hard stains from tile surfaces. VERSATILE Tile & Marble cleaner is especially formulated for all types of Tile & Marble. It Removes of white yellowish spots/layer over Tiles, Cement stains, Paint, Grime, Grease, Moss and Wax from Concrete.

### Applications:

All types of Tile surfaces.

### Advantages:

Interior & exterior use, Economical, Fast Acting, Remove stains, Easy to use, Dilutable.

### Coverage:

15-50 sp.ft. per litre depending on porosity of the substrate, degree of efflorescence stains and dillution

### Packaging:

1 ltr / Per bottle.  
5 ltr / Per bottle.





# VERSATILE GROUT ADMIX

### Liquid Emulsion Additive for Grouts

VERSATILE Grout Admix is a grout locker, which locks the grouts into joints. It is a Glary Glossy, Laminator of Grout. Easy to clean and maintain. Increase strength and makes grout dense.

### PREPARATION:-

TILES MUST BE FIRMLY, WAIT AT LEAST 24 HOURS BEFORE STARTING TO GROUT THE JOINTS when tiles applied.

### MIXING:-

TAKE VERSATILE GROUT 1kg + 125ml. VERSATILE ADMIX AND ADD WATER TO PRODUCE A THICK PASTE.

### Applications

- Domestic and commercial establishments, laboratories, bakeries, super markets, showrooms, hospitals etc.

### Advantages:

- For tile joints 1-12mm
- Hard and VERSATILE
- Economical

Coverage : Varies with tile size and grout width.

Packaging : 100 ml., 1Ltr

Colour : White



# COLOR SHADES



WHITE	GOLD
MUSHROOM	TERACOTTA
BEIGE	LIGHT GREY
BROWN	DARK GREY
IVORY	BLACK
DARK GREEN	ALPINE BLUE
WOODEN	RED
COFFEE BROWN	PINK
BURGANDY	LIGHT GREEN
PURE GOLD	PURE SILVER

### Exclusions:-

VERSATILE is not responsible for workmanship not in accordance with DPOXY instructions and industry standard guidelines. Cracking due to structural movement,excessive deflection or other failure in the substrate in also not covered.