

## EPOXY GROUTS

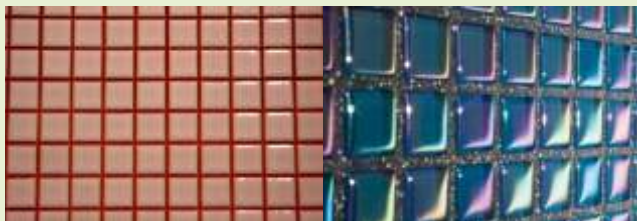
### For a strong, stainfree, chemical resistance, hygienic tile joints

'As good as new' is one statement which we not only like to express but also experience. The tiles that are fixed in our houses, apartments and buildings are having a story of their own. Conscious effort is put by us to choose the best when we make purchases and years after we want them to be 'as good as new'.

Tiles in the past were fixed and the tile joints were filled with white cement. Then after some time white cement was mixed with colors that matched with the tile colour and a new look was given. But the question was durability. These white cement based tile fillers got dirty very fast as they were neither stains proof nor waterproof.

The next trend that entered in the market was replacing the white cement grout with cement grout. These too had their own drawbacks. They too were less durable, could not be cleaned and the fillings used to have cracks.

Admixes was the next in thing in the segment. They helped in preventing cracks and de- colorization. But they too had drawbacks and did not serve as a permanent solution. The present trend in the market is the use of epoxy grouts and this fad is here to stay.



Epoxy grouts has become more and more popular among tile contractors and builders. Unlike cement grout, which is made from a cementitious powder mix, additives and polymers, epoxy grout is made from epoxy resins and a specially pigmented filler powder. The grout is extremely durable and almost completely stains proof. Special resins and colored filler powder

also makes it waterproof and better suited to harsher cleaning agents. Regular grout isn't waterproof, so unlike epoxy grout, it can absorb water when it's wet and stain easily. If you're tired of scrubbing the gunk off your grout, epoxy grout could be your solution. Epoxy grouts also offers greater bond strength and chemical resistance than cementitious grouts. Epoxy grouts can be used for paper and flush joints also.

Epoxy grout is best suited for bath rooms, kitchens, swimming pools, fountains, dining rooms, child room, study and drawing rooms, hospitals, operation theatres, restaurants, cafeterias, oil fields, refineries, petrochemical laboratories, industrial applications, high traffic areas as well as waterproofing applications.



Accrete provides epoxy grouts for exterior applications\* also. Filler powders are available in 20 attractive ready colors and many customized colors to match your beautiful tiles. You can also make your tile joints sparkle by using Sparkling series epoxy grouts. Sparkling series grouts are available in 5 finishes in 20 base colors to suit your requirements.

#### Main features of epoxy grouts are...

- ✓ Provides smooth, flush and uniform joints
- ✓ Excellent sag resistance
- ✓ High stain resistance
- ✓ High abrasion and temperature resistance
- ✓ High chemical and acid resistance
- ✓ High shock and impact resistance
- ✓ Germ, bacterial and fungal resistance
- ✓ Easy maintenance and water cleanable
- ✓ It can be used for interior and exterior applications (\*Conditions apply)

We assure you that the use of Accrete epoxy grouts will make you live the statement 'As good and new'.

# GROUT

Grouts are a mortar or paste for filling crevices, especially the gaps between wall or floor tiles. Grout is a man-made mixture of sand, cement and water. In most cases, grout comes in a powder and has to be mixed with water. Since it is a concrete product, it is porous. This means it will take special effort to maintain its function. Grout is installed between tiles to give the tile the look of a solid surface. If properly sealed and maintained, grout will not only play a fashion role, but a practical one as well.

The main function of grout is to help hold tiles in place and to seal the space between them. It also acts as a picture frame around the tile, which means its function is to compliment the colour and make of the ceramic tile. Its function is greatly reduced if not mixed or applied correctly. Never assume that all grout is the same. Read the manufacturer's instructions on mixing ratio and the grout should go on smooth and cure to provide the needed function.

Grout is a simple product. When choosing grout for tiles on high traffic areas, most will go with a dark colour to hide stains that cannot be avoided. However, there is stain-proof grout. Epoxy grout is just what its name implies. Instead of cement, its adhering ability comes from epoxy.

## STEPS OF GROUTING:

**Step 1 - Choose a grout:** There are two main types of tile grout: Cementitious and epoxy. Cementitious grouts are again classified as sanded grout and unsanded grouts. They each have different benefits and downsides but it mainly comes down to how big the gaps (called grout joints) are that you are filling. Grouts contract as they dry, so using the correct one to minimize this effect is important.

- Sanded grout is used for joints that are 3mm or larger. Sanded grout should not be used on polished marble or other easily scratched surfaces.
- Unsanded grout is for joints 3mm or smaller, although once you're above 2mm it's best to use sanded grout if at all possible.
- Epoxy grout lasts much longer and does not stain. This is a better type of grout to use and is available in all colors.

**Step 2 - Seal your tiles:** Seal your tiles before grouting them if they are a porous material, like natural stone or certain types of ceramic with **Aceseal Magic** or **Aceseal Impregna**.

**Step 3 - Mix your grout:** Mix the grout according to the manufacturer's instructions using a margin trowel or other acceptable tool. The best way to do this is to start with the 2/3-3/4 of the water already in your mixing container, add the grout compound, mix it, and then add the rest of the water a little at a time until the consistency is correct.

- You can mix your grout with **Acemix Grout Admix**. This can help combat staining, prolong the life of the grout, or have other helpful benefits.
- Giving the grout (after it's been mixed) about 5 minutes slake time and then remixing it can help reduce problems with shrinkage.
- Epoxy grout dries incredibly quickly, so mix required amount only and apply it within 30 minutes.

**Step 4 - Apply the grout:** Use a hard rubber float, hold the float at a 45° angle and spread the grout across the surface of your tiles. Move the float in angled across to work the grout into the gaps.

- Do not try to cover the whole area at once; instead, work in an area roughly between 4-9 square feet (2x2' or 3x3'). Once you've finished applying it in that area, move to the next area. Just don't allow too much time to pass before you do some cleanup work.
- Do not apply grout to any expansion joints. These are the gaps at the edge of a floor or wall, and especially at spots exposed to water, such as the edge of a bathtub.

**Step 5 - Remove any excess:** Using a squeegee or your rubber float set at a hard angle; wipe the excess grout from the surface of the tiles. Be careful not to remove it from the joints, and be especially careful at the corners.

- Another option is to use a sponge or scrub pad designed especially for grout. Get it damp, and gently wipe the excess away, cleaning the sponge or scrub pad after each short wipe.

**Step 6 - Allow it to begin to set:** Give the grout a couple of minutes to begin to set.

**Step 7 - Clean the surface:** Clean the remaining grout off of your tiles. Use a grout sponge or scrub pad, get it wet (but not dripping), and wipe over the whole work surface.

- If your grout is particularly stubborn about cleaning up, after one or two rounds of basic sponge cleaning go over the tiles with a low pile towel. Use a lightly damp sponge to get the tile surface just a little wet and then finish it off with the towel.

**Step 8 - Allow the grout to cure completely:** Allow your grout to set completely, according to the manufacturer's instructions. Give it a little more time than they recommend, to be safe.

**Step 9-Finish expansion joints:** Use caulk to fill the expansion joints, using your finger to achieve the necessary rounded shape.

**Step 10. Apply a sealer:** It is a good idea to apply a grout sealer once the grout and tiles have set, completely dry, for at least 24 hours. This can help prevent mold growth (for cementitious grouts).

## Tips

- ✓ Try to do grouting on few old tiles. Just spread a few old tiles or pieces of tiles somewhere and try to grout it and it is much better than do it on your new expensive floor. It is very difficult to remove grouting cement after it gets hard.
- ✓ White colour grout is used in many bathrooms. Painting the grout will give it that brand new look again. However grouts are available in all colours.
- ✓ Pretty grout lines have a definite effect on the tile and the room where the tile is located. Other uses for grout expand the effects that are possible with grout. Home décor is one such use. For example, small tiles can be glued to the vase that holds a candle to give it a custom made effect, and also change the effect of the room where the candle is used. In the greenhouse, tabletops can be tiled and custom colour grout gives the outdoors effect.

## CUSTOMER SPEAKS



**We have been using the products of ACEBOND. We find the quality & pricing of your products to be competitive with similar products in the market.Keep up the good work.**

**Mr. RAM KUMAR BEKAL, B.E.(Civil)**



## ACEPOXY Epoxy grout

A three component, fully solid epoxy grout consists of Part A and Part B in a pail and Part C in a separate pouch. It is hygienic, impervious, stain free, chemical and acid resistance grout which does resist heat up to 100°C. It does not absorb water, thus resist bacterial and fungal growth. It is a high abrasion and impact resistant grout for ceramic tile, vitrified tile and natural stone.

### Uses:

This product can be used for both interior and exterior application. It is best suited for bath rooms, kitchens, swimming pools, fountains, dining rooms, kids' room, study and drawing rooms, hospitals, operation theatres, restaurants, cafeterias, oil field, refineries and petrochemical laboratories, industrial applications, high traffic areas as well as waterproofing applications.



## ACEPOXY Sparkling series

### This epoxy grout gives that extra glitter.

A 3 component, fully solid epoxy grout with glittering effect in tile joints will increase aesthetic look of your place. It is hygienic, impervious, stain free, chemical and acid resistance grout which does resist heat up to 100°C. It does not absorb water, thus resist bacterial and fungal growth. It is a high abrasion and impact resistant grout for ceramic tile, vitrified tile and natural stone.

**Uses:** This grout can be used both for interior and exterior application and is best suited for bath rooms, kitchens, swimming pools, fountains, dining rooms, kids' room, study and drawing room, restaurants, cafeterias, etc where there is a need for an extra sparkle.



### Features and Benefits:

- Provides smooth, flush and uniform joints
- Excellent sag resistance
- High stain resistant
- High abrasion and temperature resistance
- High chemical and acid resistance
- High shock and impact resistance
- Germ, bacterial and fungal resistance
- Easy maintenance and water cleanable

**Pack size:** Available in 1 kg and 5 kg kit. (Each kit consists of carefully blended superior quality hardeners, resins, filler powder, gloves and scrub pad).

**Available colour:**  
**Acepoxy Epoxy grouts:** Available in 20 attractive and many customised colours.  
**Acepoxy Sparkling series grout:** Available in 5 finishes in 20 base colours.

**Shelf life:** 36 months, if stored in cool and dry area in unopened container.

**Note:** Refer TDS or visit [www.acebond.in](http://www.acebond.in) for more information

## ACE COLUMN

### SERVANT LEADERSHIP IN INSTITUTION BUILDING



Organisations exist in all forms in the present economic world, from the gigantic ones to the virtual entities. Organisations are now not judged by the size of the building or the area that they acquire but on the bases of societal contribution and corporate goodwill. Gone are the days wherein buildings said it all about organisations, now is the era of building organisations

i.e. institutional building. In the present environment the building cannot give shape to the organization but people of the organization make all the difference. They use possible recourses and organisations are structured. Thus the buzz word heard around is 'institution building'. When institutions are in the process of building themselves there is a need for a different leadership style and the one that is successful in many organisations is servant leadership.

Greenleaf (2002) has stated that prominent institutions must cultivate servant leadership in its approach. This will bring in the desired transformation or else they will fail in their very purpose of existence. The servant leader is one who facilitates goal accomplishment by giving its team members what they need in order to be productive. This leader is an instrument, employees use, to reach the goal rather than a commanding voice that moves to change. This leadership style, in a manner similar to democratic leadership, tends to achieve in a slower time frame than other styles, although employee engagement is higher.

There is a dilemma as to how can a leader be a servant. Servant leadership is that the very notion of servant as leader is an oxymoron. It may be difficult to think and act both as leader and servant at the same time- a leader who

serves and a servant who leads. Nevertheless, the dynamic conceptual relationships and complementary roles between servant hood and leadership have recently attracted the attention of leadership scholars and practitioners.

Servant leaders are leaders who put other people's needs, aspirations and interests above their own. The servant leader's deliberate choice is to serve first, as opposed to lead. Furthermore, servant leaders seek to transform their followers to "grow healthier, wiser, freer, more autonomous, and more likely themselves to become servants". Servant leadership is a management philosophy which implies a comprehensive view of the quality of people, work and community spirit. It requires a spiritual understanding of identity, mission, vision and environment.

Institutions/organisations need leaders not only in the formative stages but at all levels and at all times. Leadership is the essence and the fuel to keep the organisations going. When the focus is to build organisations servant leadership has a role to play. The very essence of a good leader is the one who creates leaders and there is no dearth of talent in organisations. This is the crux even when in the concept of institution building. If organisations want to live perpetually, as per their plan, they need to build leaders for generations and there has to be no dearth of this talent.

Organisations must work in such a way that when its name is heard in any platform or media a feeling of joy and pride must arise in its employees, associates, stake holders and the society at large. When this is achieved then definitely organisations are successful in creating a place for self in the minds and hearts of many and this gives it a good edge to create good will that will take the organisation a long way that is filled with growth and prosperity.



by Preethi K D'Souza

## NEWS DESK

**We have added some more products to our product range**

### Trowels



### Spacers

(The images shown in the picture are indicative)

**Feel free to give your views, feed back, ideas and opinions related to this field. You may be the next face in our news letter.**

To,

Book-Post

**If Undelivered, please return to:**

**Accrete Adhesions India Private Limited**

2nd Floor, Pulamar House, Church Road, Bejai, Mangalore - 575 004

Ph : +91 824 - 2219917 www.acebond.in E-mail: acetimesnewsletter@gmail.com

#### Our Vision

We aspire to be a world class organisation with advanced products, processes, unmatched performance and quality. We are committed to delight our stakeholders with unlimited solutions at our single hub-'ACECRETE'

#### Our Mission

To innovate continuously and provide unique solutions in construction technology.

Contact us:

**Bangalore** : +91 963 279 3377  
**Mysore** : +91 963 278 3377  
**Pune** : +91 937 190 1177  
**Shimoga** : +91 934 170 4477  
**Mangalore** : +91 963 263 2277

**Hubli** : +91 963 274 3377  
**Udupi** : +91 934 340 4477  
**Bellary** : +91 963 251 2277  
**Belgaum** : +91 963 275 3377  
**Chennai** : +91 934 443 4477

**Hassan** : +91 934 370 4477  
**Goa** : +91 937 252 3377  
**Cochin** : +91 934 982 3377  
**Rest of Maharashtra** : +91 937 170 1177

●Tile Adhesives ●Tile Grouts ●Plasters ●Screeds ●Admixtures ●Waterproofing ●Sealers ●Industrial Cleaners ●Coatings ●Self Leveling  
Interior | Exterior | Wall | Floor | Facade | Submerged Applications

Disclaimer :The information and recommendations contained herein are based upon data believed to be correct; however, no guarantee or warranty of any kind expressed or implied is made with respect to the information provided since conditions of use, method of application and surface preparation at site are beyond our control. The information is given in good faith and meant to serve only as general guidelines during application. Users are advised to carry out tests and take trials to ensure on the suitability of the products meeting their requirements prior to full scale usage of our products. All legal issues are subject to Mangalore jurisdiction only.