



---

## **KRETOPOXY**

**HIGH QUALITY RESIN BASED TWO PART EPOXY GROUT**

---

### **TECHNICAL DATA SHEET**

---

**ULTRAKRETE CONSTRUCTION CHEMICALS.**

#D 343/, 9<sup>th</sup> Main, Near HDFC Bank,  
Sector-7, HSR Layout, Bangalore Rural,  
Bengaluru – 560 102, Karnataka, INDIA.  
Customer Care: +91 73411 25141  
Web: [www.ultrakrete.com](http://www.ultrakrete.com)  
Mail: [info@ultrakrete.com](mailto:info@ultrakrete.com)



## PRODUCT DESCRIPTION

**KRETOPOXY** is a high quality, resin based two part epoxy grouting system, comprising of PART A & PART B. The cured grout is stain free, chemical resistant, hard wearing, hygienic & highly impervious. **KRETOPOXY** is designed to fill joints, upto 10 mm, between ceramic tiles, vitrified tiles, porcelain tiles and all types of natural & composite stones in exterior & interior situations including & swimming pools. Available in more than 50 shades to match or contrast with the tile shades.

## FEATURES & BENEFITS

**Two part system | Easy to mix & apply | Hygienic | Chemical resistant | Zero water absorption | Excellent bond strength| Zero Wastage | Ideal for Swimming Pools**

## SURFACE REQUIREMENTS

Ensure that the adhesive bed is dry & properly set. The joints should be dry, clean and free of any substance or condition that may reduce or prevent proper adhesion. Wherever required the loose material should be removed with a grout raker.

## MIXING (1 KG)

Add 900 gm pack of PART A to 100 gm pack of PART B in a clean container & thoroughly mix together, preferably with a low speed drill mixer (less than 300rpm). Mix thoroughly until the mixture becomes a smooth, homogeneous paste with creamy consistency. The mix is now ready for application up to 30 minutes.

## APPLICATION

- Immediately pour the mixed grout on to the working area.
- Compactly fill the joints in small areas with the mixed grout using a rubber squeegee or a grout float & work it well into the joints till they are completely filled.
- Remove the excess grout from the surface of the tile as much as possible while working diagonally across the tiles.
- Within 30minutes of mixing, clean off surplus Epoxy Grout using a scrubber or sponge with clean water to break down the grout residue. Do not allow the water to flow / run into un-grouted joints.
- Clean the emulsified epoxy/water residue with a fine sponge, taking care not to drag Epoxy G from the joints.
- Do not allow the haze to remain on the surface for any longer than 30 minutes.

## NOTE:

While grouting unglazed, textured Tiles, Rough finish surfaces etc., a sample area should be grouted initially to check the staining on the surface. If any staining occurs **KRETO Protect Sealer** should be applied and the sample be repeated.

## COVERAGE

Shall depend primarily on joint width, joint depth & size of Tiles. Approx. consumption can be derived by:

$$\frac{(\text{Tile width} + \text{Tile length}) \times \text{Joint width} \times \text{Joint depth} \times \text{Sp. Gravity}}{(\text{Tile length} + \text{Joint width}) \times (\text{Tile width} + \text{Joint depth}) \times \text{Specific Gravity} : 1.75} = \text{Kg/ m}^2$$

( All dimensions in mm only)

## PACK SIZE

1 KG BUCKET	5 KG BUCKET
PART A – 900 GMS x 1 NO.	PART A – 900 GMS x 5 NOS.
PART B - 100 GMS X 1 NO.	PART B -100 GMS X 5 NOS.

## SHELF LIFE

If stored properly, in normal dry conditions the unopened pack shall have a shelf life of 18 months.

## PRECAUTIONS

Wear suitable protective clothing, gloves and eye protections. In case of contact with eyes, rinse with clean water and seek medical advice immediately. Keep reach out of reach of children.

## TECHNICAL SPECIFICATIONS

Joint width	2-10 mm
Pot Life @ 27°C±2°C	45 minutes
Setting Time	48 hours
Minimum Application	10°C
Temp. Resistance	Prolonged -30°C to 90°C
Temp. Resistance	Intermittent Upto 130°C
Hardening Time	4-8 hours
Water Absorption	Nil
Tensile Adhesion(14 Day Air)	Dry Condition - >4.5KN
Tensile Adhesion (14 Day Air)	Wet Condition- >3.6kN
Compressive Strength	>60Mpa
Shear Strength@7 Days	>10Mpa
Flexural Strength@7 Day	> 30Mpa

**NOTE:** For free expert technical guidance for the use of this product or any other aspect of Tile fixing please contact:

Ultrakrete Technical Helpline: +91 73411 25141

Email: [customercare@ultrakrete.com](mailto:customercare@ultrakrete.com)