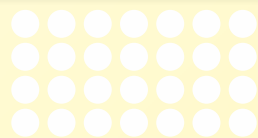


# Technical Data Sheet



**PREMIUM  
EPOXY  
GROUT**

## PREMIUM EPOXY GROUT



**COLOUR-LOCK+  
TECHNOLOGY**

***JKTylo Premium Epoxy Grout is a stain-free, three component tile grout, which is specifically designed for application on ceramic tiles, vitrified tiles and stones, which are prone to staining. JKTylo Epoxy Grout is available in 1 Kg and 5 Kg units and range of various vibrant colors.***

## Area of Application

- Used for filling the joints of upto 12mm between ceramic tiles, vitrified tiles and stones.
- Industrial application and in high traffic areas.
- Institutional areas such as cafeterias, school, hospitals and theatres.
- Wet areas such as bathrooms, kitchens, sterilization rooms, swimming pools and restaurants.

## Key Benefits and Features

- Color fast
- Stain free
- Long pot life
- Easy to apply and water cleanable
- Chemical and heat resistant
- High strength
- Shrinkage free
- Abrasion resistant

## Typical Properties

<b>Color</b>	<b>Available in standard colors</b>	<b>Resin Density</b>	<b>1.14 - 1.20 Kg/Litre</b>
<b>Pot Life</b>	<b>40 - 60 Minutes</b>	<b>Hardener Density</b>	<b>0.93 - 0.98 Kg/Litre</b>
<b>Cleanability Time</b>	<b>&gt; 80 minutes</b>	<b>Powder Density</b>	<b>0.95 - 1.1 Kg/Litre</b>

## Application Method

1. Tile joints must be clean, dry and dust free before application. Excess adhesive or mortar should be removed while tile fixing.
2. Ensure tile grouting is done at least 24 hours post tile fixing. Make sure that the adhesive is set and released its moisture.
3. Mix JKTylo Premium Epoxy Grout Part - A (Hardener) and Part - B (Resin) in desired ratio into a clean mixing pail.
4. Mix the components thoroughly with spatula or slow speed mixer (<300 RPM) until both are completely blended. Then add 3/4 th of the content of Part - C (Filler) and mix it slowly till a smooth homogeneous and lump-free paste is formed.
5. Avoid air entrapping by over mixing or mixing at very high speed.
6. Do not add water to the mix.
7. Mix should be applied directly to the joints using pallet knife/ plastic spatula. Spread the paste with sharp and a firm rubber grout float.
8. Hold the float at a 90° angle and pull it at a 45° angle diagonally across the joints and tile to avoid pulling out the material
9. Ensure that joint is filled completely, and avoid excess grout on tile surface.
10. Cleaning should be done 20-25 minutes from the application using a sponge soaked in shampoo solution. Final curing will be achieved in 7 days of application.
11. Remove all surface material by using a float diagonally to joints. Ensure the joints get filled properly and no grout should be left on top of the surface.
12. Protect from foot traffic for at least overnight period.

## Technical Information

Test specification requirement EN 13888, ISO 13007 Part-3				
S. No.	Test Property	Test Method	Specification	Typical Value
1	Color	NA	As per shade card*	NA
2	Mix density		-	1.7 - 1.8
3	Shrinkage	ISO 13007 part-4 : 2013	≤ 1.5 mm/m	1.0 - 1.3
4	Water absorption after 240 minutes	ISO 13007 part-4 : 2013	≤ 0.1 gm	0.05 - 0.06 gm
5	Abrasion resistance	ISO 13007 part-4 : 2013	≤ 250 mm <sup>3</sup>	100- 150 mm <sup>3</sup>
6	Compressive resistance	ISO 13007 part-4 : 2013	≥ 45 N/mm <sup>2</sup>	70 - 75 N/mm <sup>2</sup>
7	Flexural strength	ISO 13007 part-4 : 2013	≥ 30 N/mm <sup>2</sup>	30 - 34 N/mm <sup>2</sup>

\* Shade card is for reference of shade only. Actual shade may not match 100% with that in the shade card

**Packing :** Packing: Available in 1 Kg and 5 Kg units.

1 Kg packing: Pack - A, B & C are in bucket with standard colors

Pack-A Hardener 70 g

Pack-B Resin 180 g

Pack-C Filler 750 g

5 Kg packing: Pack - A, B are in bucket and Pack- C in carton with standard colors

Pack-A Hardener 350 g

Pack-B Resin 900 g

Pack-C Filler 3750 g

**Coverage :** Depends on the depth and width of joint. Consumption can be calculated by formula

Grout consumption in Kg/m<sup>2</sup> - 
$$\frac{(\text{length of tile} + \text{width of tile}) \times \text{depth of joint} \times \text{width of joint} \times \text{density}}{(\text{length of tile} + \text{width of joint}) \times (\text{width of tile} + \text{width of joint})}$$

### Storage and Shelf Life:

Original unopened packaging stores in dry condition has a shelf life of 24 months from the date of manufacturing. Storage above 35° celsius and high humidity above 65% will reduce the shelf-life of product.

### Precautions During Usage:

- During cold weather, protect finished work from traffic until fully cured.
- Avoid contact with eyes and prolonged contact with skin as it may cause irritation.
- In case of contact, flush thoroughly with water.
- Avoid breathing dust.
- Wear a mask and gloves during mixing.
- Keep out of children's reach.

**Disclaimer :**

- Light colors may darken slightly from direct UV exposure.
- Stain resistance is achieved in 10 days at 21°C.
- JKTylo is not responsible for any additional damages or consequential damages, including loss due to delay, incurred by the purchaser of any party.

*Note : It is always advisable to keep 10% additional material considering wastage and spillage.*

**Disclaimer :**

The company provides guarantee against defective material, but the application and usage of products are made without guarantee since the application conditions are not in its control. All products are tested under the recommended conditions of temperature  $27 \pm 2^{\circ}\text{C}$  and humidity  $65 \pm 5\%$ . Company recommends to verify the suitability of product for intended use with the latest version of data sheet. The company may modify product data sheet without any prior notice. All technical characteristics are listed for guidance only and JKTylo technical team may be contacted for more information.



**Registered Office :** Kamla Tower, Kanpur - 208001  
Ph. : 0512-2371478-85, Fax : 0512-2399854 E-mail : admin@jkcement.com

**Corporate Office :** Prism Tower, 5<sup>th</sup> Floor, Ninaniya Estate, Gwal Pahari,  
Gurugram - 122102, Haryana Tel : +(91)124-6919000

**Website :** [www.jkcement.com](http://www.jkcement.com) **Toll Free No. :** 1800 102 8868  
**Customer Care :** [customercare.white@jkcement.com](mailto:customercare.white@jkcement.com)

