

Technical Data Sheet

JAZEERA ROPOXY

JI-62011

High performance epoxy colored grout.

Description:

A two component, solvent free epoxy grout provides attractive luxury aesthetic appearances with high resistance to stain and chemicals in addition to high mechanical strength and Available in several colors.

Recommended Use:

Used for fill interior tile joints for all types of quarry tile, ceramic, tile, granite, marble, porcelain and mosaic for vertical and horizontal surfaces in residential and commercial buildings, educational institute, hospital, hotels, luxury palaces, laboratories, restaurants and resorts where chemical resistance, withstand mechanical loads, stain resistance and easy to cleaning.

Characteristics:

- High resistance to bacterial and fungal growth.
- Provides variety elegant shapes.
- Washable with water during application.
- Water-proofing.
- High durability.
- Strong bonding.
- Fills tile joints of width 1.5 to 12 mm.
- No shrinkage.
- Excellent resistance to mechanical loads and chemicals.
- Easy to clean ensures hygienic properties.
- Easy to apply and high spreading rate.

Physical Constants:

• Finish :	smooth.
• Color:	many colors (refere to product catalog)
• Volume solid:	100%
• Viscosity:	thixotropic.
• Specific gravity:	0.48 (mixture A+B).
• Mix Ratio:	Base: 4 - Hardener:1 (by weight)

Tests:

• Flexural Strength:	3.68 N/mm ²	BS EN 12808-3:2008	METS - U.A.E.
• Compressive Strength:	6.93 N/mm ²	BS EN 12808-3:2008	METS - U.A.E.
• Abrasion Resistance:	1.68 mm ³	BS EN 12808-2:2008	METS - U.A.E.
• Water Absorption	0.5%/24hrs	ASTM D570:2022	METS - U.A.E.
• Adhesion Strength	1.42 N/mm ² .	BS EN 12003:2008	METS - U.A.E.
• VOC	12.61 g/L	ISO 11890-2:2020	METS - U.A.E.
• Linear Shrinkage Resistance	2.14×10 ⁻³ %	ASTM C531-2023	METS - U.A.E.
• Chemical Resistance	Pass	BS EN 12808-1:2008	METS - U.A.E.

Surface Preparation:

- Make sure that tile adhesive is completely dry prior to grout application
- Tile joints should be clean and free from dust, oil, grease and protrusions.
- 2/3 of tile thickness should be left for filling it by using "Jazeera Ropoxy".

Mixing:

- Stir component B well before use that tinted with desired color.
- Stir part A then add part B gradually continue mixing till get a homogeneous mixture.

Pot life:

40-50 minutes @ 25 °C

The product mixture should be used before end of pot life time.

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Application Guide:

- Fill tile joint completely using the mixture which prepared previously by suitable rubber trowel with diagonal motion.
- Remove excess material from tile surfaces directly .
- Clean tiles and joints using wet sponge with circular motion directly .
- For better results the sponge should be cleaned continuously.

Application Conditions:

- Temperature during application should be more than (5°C).
- Surface temperature: at least (3°C) above dew point.
- Relative humidity: maximum 85%.

Application Tools:

- Rubber trowel.
- Sponge.
- Mechanical mixer.

Cleaning Tools:

- Tools can be cleaned after application immediately with plenty amount of water before curing of the product

Recommended System:

- As a tile adhesive use: "Jazeera Tilex , Jazeera Santex , Jazeera Adex or Jazeera Jatex".
- "Jazeera Ropoxy".

Recommendation

- Mix well to get uniform color.
- Avoid mixing for long time because increasing the temperature will reduce the shelf life of the mixture.
- Do not dilute" Jazeera Ropoxy" by adding water or any other solvents.
- "Jazeera Ropoxy" is ready for light traffic after 24 hours and for heavy traffic after 7 days.

Drying Times:

Are generally related to air circulation, temperature and thickness

- Surface dry: 90 minutes.
- Hard dry: 12 hours.
- Light foot traffic: 24 hours
- Full loading: 7 days.

All above reading at a temperature of 25°C.

The mixture should be used before pot life ended.

Consumption:

- Consumptions values for "Jazeera ropoxy " range from 0.15 to 0.75 kg/m² depending on tile dimensions and joint width.

PACKING:

- Base: 0.6 kg.
- Hardener: 0.15 kg.

Handling and Safety:

- 12 months @ 25 °C. From manufacturing date the container should be kept in sealed, dry, cool, Well ventilated place in the original packaging and stored in accordance with national regulations.



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Safety Precautions:

- Please read and follow the precautionary notices displayed on the container, and all caution statements on the MSDS of this product.
- Handle with care before and during use.
- During application of paint, contact of liquid paint with eyes, skin, inhalation of paint mist and paint vapour, should be strongly avoided.
- Recommended to use the product in well-ventilated area when applying the paint in insufficient ventilated areas, forced ventilation should be provided.
- Keep away from the reach of children.

For environmental safety:

- please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the Control of Pollution Act and the Environmental Protection Act.

Disclaimer:

To the best of our knowledge the technical data listed herein is true and accurate up to publication date and is subject to change without prior notice. User must contact Jazeera Paints Company to verify of any modifications before specifying or ordering the product. Thus, information given in this sheet is not intended to be exhaustive and any person using the product other than the recommendations in this sheet or without reverting to our Jazeera TSD, he should take his accountability in this connection.

As we are not capable to control the quality and the substrate's conditions as well as the factors that affect on using, or applying the product, so we never give any written or implied guarantee in these documents, but we guarantee our products to conform to Jazeera quality while we assume no responsibility for coverage, performance or injuries resulting from application. Liability "if any" is limited to replace the products mentioned above.