

Technical Data Sheet

JAZEERA ROPOXY CLEAR

JI-62010

Epoxy grout with attractive decorative effects

Description:

A three component, solvent free epoxy grout provides attractive luxury aesthetic appearances with high resistance to stain and chemicals in addition to high mechanical strength. Available in several choices (Glitter -Pearly -Mudee -Granite).

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 industrial, residential and commercial buildings, educational institute, hospital, hotels, luxury palaces, laboratories, restaurants and resorts where high chemical resistance, withstand mechanical loads, stain resistance and easy to clean are required.

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.

Physical Constants:

• Finish :	smooth, gloss.
• Color:	many colors (related to product catalog)
• Volume solid:	100% (ASTMD 2697).
• Viscosity:	thixotropic.
• Specific gravity:	1,45 (mixture A+B).
• Mix Ratio:	Base: 4.5 - Hardener:1 (by weight)

Tests:

• Flexural Strength:	35.03 N/mm ²	BS EN 12808-3:2008	METS - U.A.E.
• Compressive Strength:	92.13 N/mm ²	BS EN 12808-3:2008	METS - U.A.E.
• Abrasion Resistance:	0.52 mm ³	BS EN 12808-2:2008	METS - U.A.E.
• Water Absorption @240 min	0.007%/24hrs	ASTM D570:2022	METS - U.A.E.
• Adhesion Strength	2.96 N/mm ² .	BS EN 12003:2008	METS - U.A.E.
• VOC	2.78 g/L	ISO 11890-2:2020	METS - U.A.E.
• Linear Shrinkage Resistance	0.32×10 ⁻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 by using Jazeera Ropoxy CLEAR

Mixing:

- Stir component B well before use.
- Stir part A then add part B gradually continue mixing till get a homogeneous mixture then add the required part C to the mixture gradually and continue mix until reach to homogenous mixture.

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Pot life:

50 minutes @ 25 °C

The mixture should be used within pot life time.

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 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 Tools:

-Rubber trowel, Sponge, 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 clear

Recommendation

- Ensure proper mixing to achieve uniform color.
- Avoid prolonged mixing; increasing temperature will reduce Product pot life.
- Do not add water or any solvents to ropoxy clear to make it more fluid.
- Jazeera Ropoxy clear is ready to light foot traffic after 24 hours and Full loading after 7days.
- The container of component B (hardener) is built in the container of component A (base).

Drying Times:

Are generally related to air circulation, temperature and thickness

- Surface dry: 90 minutes.
- Hard dry: 4-5 hours.
- Light foot traffic: 24 hours
- Full loading: 7 days.

All above reading at a temperature of 25°C.

Consumption:

- Consumptions values for “Jazeera Ropoxy Clear” range from 0.5 to 1.5 kg/m² depending on tile dimensions and joint width.

PACKING:

Packed in: Base: 1.64 kg, Hardener: 0.36 kg

Part C:

Glitter: 0.4kg pearl: 0.4kg mudee: 0.98kg Granite: 1.23 kg

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SHELF LIFE:

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.

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.