

Technical Data Sheet
JAZEERA GROUTEX
JK-13005

Description:

A high performance, Single component, polymer and special additives modified cementitious tile grout composed of special types of hydraulic binders .

Recommended Use:

Recommended to be used for grouting interior and exterior floors and walls for all types of ceramic tiles, granite, marble, porcelain and mosaics in grouting balconies, terraces, kitchens, bathrooms and swimming pools.

Characteristics:

- Anti-Microbic .
- Good compressive and flexural strength.
- Excellent resistance to water.
- Water-repellent with dropeffect.
- Resistant to efflorescence.
- High resistance to abrasion.
- Low shrinkage.
- Good adhesion to tiles' sides.
- Excellent mixing, workability and easy finishing characteristics.
- Very high productivity rates.
- Ready and easy to use when mixed by water.
- Color retention and UV resistant.
- Complies to European Norm EN 13888, class CG2WA.

Certificates:

- Certified according to European norm EN 13888, class CG2WA. for joints from 2mm to 15 mm.
- Approved and tested in accordance with ANSI A118.6.
- Passed VOC Emission After Application / LEED Requirements - Ver.4 / METS, UAE.

Physical Constants:

• These application values are measured in the standard conditions of +23C and 50% R.H. (Complying EN 13888 as CG2WA)		
• Color	White, grey and variety of standard color	
• Coverage	0.4-2.3 Kg/m ² , coverage range is varying according to tile size & joint width.	
• Joint width	2mm - 15 mm	
• Pot life	1 hour	
• Water Addition	30 - 32%	
• Dry Bulk Density	1.2 Kg/Liter.	
• Fresh Wet Density	1.7 Kg/Liter.	
• Compressive Strength:	≥25 N/mm ²	According to EN 13888:2009 for CG2
• Flexural Strength	≥6 N/mm ²	According to EN 13888:2009 for CG2
• Abrasion Resistance	525 mm ³	According to EN 12808-2:2009-01
• Shrinkage Resistance	2mm/m	According to EN 12808-4
• Water Absorption:	0.27 g after 30 min. 0.81 after 240 min.	According to EN 13888:2009 for CG2
• VOC	<1 g/L	ASTM D2369

Surface Preparation:

- Before grouting of tiles ensure that the installation mortar or the tile adhesive is totally dry or follow our technical data sheet instructions for our set of tile adhesives.
- Ensure that the joints are clean and free of dust and loose particles and 2/3 of tile thickness is emptied for receiving Jazeera Groutex.
- Pre-wet the joints before grouting especially in hot conditions and in case of porous ceramic tiles.



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Mixing:

- Prepare the mixture by adding the right amount of water (1.5 - 1.6) liters / 5 kg bag = 30-32 % by weight of clean water) and start mixing using a low speed mixer for 3 minutes or until getting uniform consistency depending on the type of the mixing equipment.
- Let the mixture stand for 5 to 10 minutes and remix again without adding additional water.
- The mixture is now ready for application.
- For floor tiles, water addition can be increased up to 34% (1.7 liters/ 5 kg Bag) to obtain more flowable mixture to fill floor joints.
- Use the mixture within 1 hour from mixing.

Application Guide:

- Using a rubber float or trowel start to fill the joint after removing the spacers and compact the material inside the joints to ensure it is completely filled.
- After application, start removing excess material from tile surface and across joints then wait for 10 - 20 minutes before cleaning tiles and final finishing.
- Using a damp and hard sponge, clean the tiles and joints in circular movement and rinse out the sponge with water every time start cleaning in order to get a clean finish.

Application Tools :

- Rubber float, Smoothing trowel and Hard sponge.

Recommended System:

- Jazeera Tilex or Jazeera Santex
- Jazeera Groutex

Cleaning Tools:

- Clean tools immediately after application with plenty of water.

Packing:

- bag 5 - 20 kg

Shelf Life:

12 months from manufacturing date when stored in dry and shaded closed area.

Safety Precautions:

- Wear protecting cloths, gloves, glasses and face protection.
- For eye contact, rinse with plenty of clean water and then seek medical advice.
- Keep away from the reach of children.
- For more details, ask for our safety data sheet of the product.

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.