

Technical Data Sheet

JAZEERA SANTEX

JK-13006

Description:

High performance, polymer and special additives modified one-component deformable cementitious adhesive mortar, with extended open time and no vertical slip. It is used for Indoor and outdoor fixing of tiles and especially used for installing large size porcelain tiles and marble.

Recommended Use:

Interior and exterior installation of all types of porcelain, marble, swimming pools tiles and other non-porous tiles on fair-face concrete surfaces, cementitious floor screeds, blocks, gypsum board or plastered surfaces.

Characteristics:

- “Jazeera Santex” is manufactured from carefully selected raw materials, well graded fillers, and special additives to enhance workability, water retention and adhesion.
- Sag resistant
- Excellent bonding to fair-face concrete and plastered surfaces.
- Suitable for horizontal and vertical applications.
- Designed for indoor and outdoor use and Middle East weather conditions.
- Excellent mixing and workability characteristics.
- Suitable for direct application on existing floorings like tiles and marble (cost reduction)
- Very high productivity rates.
- High water resistant properties.
- Ready and easy to use when mixed by water.

Certificates :

- Complies to European EN12004 and ISO 13007as C2TES1
- Complies to ANSI 118.4 .
- Passed VOC Emission After Application / LEED Requirements - Ver.4 / METS , UAE.

Physical Constants:

• These application values are measured in the standard conditions of +23°C and 50%R.H. (Complying EN12004 and ISO 13007as C2TES1)		
• Color:	White and grey.	
• Thickness:	3 - 10 mm according to substrate evenness	
• Water Addition:	5.5 - 6.5 Ltr / bag(20kg), (27.5 - 32.5)%.	
• Coverage:	2 - 3 Kg/m ² @ 6mm	(Coverage is varying according to surface condition)
• Dry Density:	1.40 Kg/Liter.	
• Pot life:	more than 3 hours.	
• Open time:	30 minutes	According to EN 1346:2007
• Adjustability time:	(15 - 20) minutes	
• Slip Resistance:	≤ 0.5	According to EN 1308:2007
• Deformability:	S1 - Deformable	According to EN 12002
• Application Temperature:	+5°C	
• Tensile Adhesion strength:	≥ 1 N/mm ²	According to EN 1348:2007
• VOC	<1 g/L	ASTM D2369

Surface Preparation:

- Ensure that substrate is mechanically strong, well cured, free from loose particles, oil, grease or paint and free from dust.
- Pre-wet the substrate prior to application, especially in hot climate areas except for Gypsum substrates must be perfectly dry.

Mixing:

- Start mixing the whole bag content of “Jazeera santex” 20kg with clean water (5.5 - 6.5 Liters) with drill fitted with suitable paddle for 3 minutes until homogenous lump free paste.
- Leave the mixture for 10 - 15 minutes maturing time and then remix again .
- Now the mixture is ready to use.



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Application Guide:

- First apply a thin coat of “Jazeera Santex” onto the substrate using the flat edge of the trowel and then immediately apply the desired thickness using the toothed side of the trowel.
- Use a suitable notched trowel that ensures a tile coverage of at least 70% at the back of the tile for walls or for indoor light foot traffic.
- For outdoor application and heavy traffic ensure the coverage is 100%.
- As a guide, the following recommendations have to be followed when installing different tile sizes:

Tile length (mm)	Tile width (mm)	Recommended Notched trowel (mm)
150	150	6 × 6 × 6
200	200	8
250	250	10
300	300	12
400	400	12 plus back buttering .

- Large tiles need a thin layer of adhesive applied directly to their backs immediately prior to installation (back-buttered) as well as their substrate being notched . This is also necessary where the tiles have deeply grooved or patterned backs and where the substrate is not true to plane .
- Install the tiles within 10 to 20 minute of application of “Jazeera Santex” and firmly press it onto the substrate to ensure good contact and coverage with adhesive.
- Grouting can be done after 24 hours by “Jazeera groutex” for walls and floors joints.
- Floors are set for light foot traffic after at least 24 hours and ready to use after 14 days.

Application Tools:

- Notched trowel.

Recommended System:

- “Jazeera Santex” .
- “Jazeera Groutex”

Cleaning Tools:

- Tools can be cleaned after application immediately with plenty of water, while surfaces can be cleaned with damp cloth.

Packing:

- Bag 20 Kg.

Shelf Life & Storage:

- 12 months from manufacturing date when stored in dry and shaded closed area in the original packaging.

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 for 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.