



2Fix by Jorakay

Ready-to-Use Tile Adhesive



Ready to use tile Adhesive

2Fix by Jorakay is a ready-to-use tile adhesive. Open and use it right away for tiling and fixing. It is water-based, odorless, and contains zero VOCs, making it safe for users and providing excellent adhesion, and easy workability. Certified EN 12004 D2E. It is white paste, which gives a brighter look for a light tone of mosaic. It can be applied to a variety of substrates, tile over tile. Suitable for both interior floor and wall installation.

Product features

- Ready-to-use tile adhesive, open and use it right away.
- Excellent adhesion, Certified EN 12004 D2E.
- Water based, odorless and zero VOCs, safe for users.
- White paste, gives brighter look for light tone of mosaic.
- Suitable for tiling a variety of substates, tile over concrete, wood, smart board, viva board and tile over tile.
- Suitable for both interior floor and wall installation.

European Standard : EN 12004 Class D2E

International Standard : ISO 13007 Class D2E

Color : White paste

Application Instruction

Substrate preparation

For new substrate

- The substrate surface must dry, flat, level and fully cured.
- The substrate surface should be free of all grease, oil, dust, curing compounds, old adhesive residues and any other adulterant.
- Before tiling, the substrate should be fully cure for 28 days.

For old substrate

- If the original concrete surface is deteriorated and dusty, scrub it thoroughly, wash it clean to remove any remaining dust, and allow it to dry completely before laying tiles.



- If the paint of the original surface has deteriorated (Cracking), scrub the paint and clean the surface. Allow the substrate to dry completely before re-tiling.

Existing tiles

- Recheck bonding strength between the existing tiles and the surface before installing tile over tile. In case of poor strength, recommend removing the existing tiles.

Application

1. Spread 2Fix onto the floor or wall substrate using the flat side of a trowel. Ensure the adhesive is applied thoroughly and evenly, providing sufficient coverage for each tile.
2. Use an appropriate notched trowel, comb 2Fix on the substrate with a 60-degree angle in parallel direction to the width of the tile.
3. When tile sizes are bigger than 30x30 cm, back buttering with the tile adhesive to compensate bending, prevent gap under tile that may cause less compressive strength and easily to crack.
4. Put the tile on the adhesive. Slide it orthogonally to the notched lines and tap to maximize bonding. Adjust the alignment and leveling within 10 minutes.
5. Remove excess adhesive from the surface of the tile with a wet sponge before the adhesive dries.
6. Leave it to dry for 24 hours before grouting.
7. Leave it to completely dry for 7 days.

Coverage

- 1.0-1.5 kg/m² for notched trowel size 3x3 mm
- 1.5-2.0 kg/m² for notched trowel size 6x6 mm

The exact consumption must be determined by means of a sampling of work.

Tools

- Notched trowel size 3x3 mm for mosaic.
- Notched trowel size 6x6 mm for ceramic-tile or tile size 30x30 cm maximum.

Information

Density	1.65 g/cm ³
Open time	30 minutes
Adjustment time	10 minutes
Waiting time before grouting	24 hours
Complete dry	7 days

Remarks : Test results obtained from laboratories under controlled conditions may result in testing results that differ from the actual site conditions due to many factors such as temperature, environment, equipment, and others.



Technical Data

EN Standard and International Standard

Test Method by EN Standard and International Standard (European Standards / International Standardization and Organization)	EN 12004 ISO 13007	Standard Requirements D2E	Result
Tensile adhesion strength			
Extended open time (E) : tensile adhesion strength after not less than 30 minutes	EN 12004-2, Part 8.1 ISO 13007-2, Part 4.1	$E \geq 0.5 \text{ N/mm}^2$	$> 0.5 \text{ N/mm}^2$
Shear adhesion strength			
7 days	EN 12004-2, Part 8.4 ISO 13007-2, Part 4.3.4	$\geq 1.0 \text{ N/mm}^2$	$> 1.0 \text{ N/mm}^2$
7 days water immersion	EN 12004-2, Part 8.4 ISO 13007-2, Part 4.3.5	$D2 \geq 0.5 \text{ N/mm}^2$	$> 0.5 \text{ N/mm}^2$
28 days elevated temperature	EN 12004-2, Part 8.4 ISO 13007-2, Part 4.3.7	$D2 \geq 1.0 \text{ N/mm}^2$	$> 1.0 \text{ N/mm}^2$

Remark : $1 \text{ MPa} = 1 \text{ N/mm}^2 = 10.197 \text{ ksc} = 145.038 \text{ psi}$

Suggestion

- Strength of the substrate affects the adhesion strength of the product.
- On new cement substrate, Surface must be dried at least 28 days.
- For floor installation, Maximum tile size should not over than 60x60 cm and for wall installation, Maximum tile size should not over than 30x30 cm in case the tile size over than 30x30 cm but not over than 60x60 cm need install the tile support.

Limitations

- Not suitable for swimming pools and sauna or permanently humid substrates.
- Not suitable for exterior use and heavy traffic area.
- Do not apply on surfaces that have any dust, oily surface. Remove dust and oil before use.

Caution

- May be harmful to the eyes, skin or lungs. Wear suitable protective clothing, gloves, and eye/face protection.
- In case of contact with eyes, rinse immediately with water and seek medical advice.
- After contact with skin, wash immediately with water and soap.
- Keep out of reach of children.

Storage

- Keep in the shade, dry, not humid, and ventilated place (If not all used in one time, close the lid tightly).
- The shelf life is 36 months in unopened condition at a temperature of 30-35°C.



Packing

Net weight : 5 kg / Pail

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