

# INSEE Mortar 42 TileFix Plus

Cementitious Tile Adhesive for large tiles

## INSEE Mortar 42 TileFix Plus

It contains special grade polymer to enhance tensile adhesion strength performance, suitable application for non-absorption tile and large tile. The tile does not require any curing or water soaking. During tile paving, the tile does not slip and gives adequate time for tile adjustment. Finished tiles do not peel off and very good adhered to the substrate wall or floor.

## Advantages

- Selection additive gives good adhesion and does not peel off
- Easy-to-use
- With appropriate tile adjustment time
- Tile immersion in water not required before installation

## Applications

- Suitable for low water absorption including medium and high water absorption tiles such as granito and porcelain tiles for floor and wall tiling works on both interior and exterior surfaces.
- Suitable for tiles size up to 60x60 cm.
- Small natural stone for interior application.

## Coverage Rates

1 bag of INSEE Mortar 42 TileFix Plus can cover an area of approximately 4 sq m depending on tile adhesive thickness and deflection of substrate and tiles.

## Mixing ratio

By weight, 20 kg (1 bag) of INSEE Mortar 42 TileFix Plus per 4.6-4.8 liters of clean water. The mixed tile adhesive can be used within 3 hours. Keep away from sunlight & hot conditions.

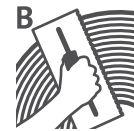
## Packaging

20 kg/bag



## Instructions

1. Use the flat side of a square notch trowel to apply tile adhesive onto prepared substrate. Try to apply no more than 1 sq m each time. Then use the notched side of the trowel to comb the surface.
2. Remove dust and debris from tiles. Do not immerse tiles in water.
3. Spread tile adhesive in a thin layer to the back of the tiles to reduce air pockets underneath, fix the deflection, and ensure appropriate bond between tile and substrate.
4. Place tiles onto tile adhesive bed and align edges. Place a rubber hammer or trowel handle end to release air under the tiles to ensure appropriate bond and avoid air pockets.
5. The mixed tile adhesive should be used within pot life. Do not add additional water or tile adhesive powder to adjust workability or extend pot life as it would result in quality loss.



## Curing

Allow 24 hours of curing time before tile grouting.

## Storage & Shelf Life

Store in dry place. Avoid moisture and direct sunlight. An unopened package has a shelf life of 6 months from manufacturing date.

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## Technical Properties

CONDITION/DESCRIPTION	SPECIFICATION	RESULTS
Slip Resistance / Sag	$\leq 0.5$ mm	PASSED
Tensile Adhesion Strength at 10 minutes	$\geq 0.5$ MPa	PASSED
Tensile Adhesion Strength		
Standard Condition at 28 days	$\geq 0.5$ MPa	PASSED
Standard Condition at 7 days, Water Immersed Condition at 21 days	$\geq 0.5$ MPa	PASSED
Shear Adhesion Strength		
<i>Porcelain Mosaic Tile Shear Strength</i>		
Standard Condition at 7 days	$> 1.03$ MPa, $> 150$ psi	PASSED PASSED
Standard Condition at 7 days, Water Immersion at 7 days	$> 0.69$ MPa, $> 100$ psi	PASSED PASSED
Standard Condition at 28 days	$> 1.03$ MPa, $> 150$ psi	PASSED PASSED

## Precautions

- Store in dust-free cool and dry place. Do not apply the product on hot surface or the area exposed to direct sun light.
- This product is non-toxic and non-flammable. However, it has alkaline properties. Wear safety gloves & goggles when applying. In case of skin contact, rinse with clean water. In case of eye contact, wash out with plenty of clean water and seek medical attention.
- Use in open and ventilated areas.
- Follow instructions precisely for effective result.

Use Information	
Slake time	0 Minute
Pot Life (In shade)	3 Hours
Open Time within	5-10 Minutes
Adjust Time within	$\leq 15$ Minutes
Tile Adhesive Thickness	6-10 Millimeters
Curing time before grouting	24 Hours

Remarks: Figures in the table may differ depending on ambient temperature and jobsite condition during applying.