

Rhino[®] FIX-A-TILE STA

Grey cementitious adhesive for fixing ceramic tiles for thin bed applications develops high efficiency, high strength and high-quality.

Description

Rhino Fix-A-Tile STA (Grey) is highly polymerised, cement-based Grey coloured adhesive. Due to its chemical resistant properties, it can also be used in commercial installations of chemical prone areas, food processing industries, commercial kitchens, restaurants, high traffic and workshop areas. It is suitable for all type of tiles and stone tiles to be installed on dry wall board substrate like gypsum boards, plywood, wood, calcium silicate boards, medium density fibre boards, fibre cement boards, cement board, bison panel etc. It can be used in wet, internal and external areas.

Features / Advantages

- Easy mixing, smooth application & good workability
- Excellent bond to various building materials/substrate
- No curing required
- Highly water resistant
- Extended open time
- Excellent tensile & shear adhesion strength
- It does not shrink or crack while curing
- Resistant to dilute acids, alkalis and soap water
- Consistent work quality
- High Durability
- Negligible waste
- Save time

Typical application

- Cement based backgrounds
- Suitable for internal/ external floors applications
- Can be used for new/ old walls and tile on tile application
- Cement plaster
- Cement concrete
- Cement Screed
- Tiles and stone tiles on exterior substrate

Technical Analysis (TYPE III: Conforms TO IS 15477:2019)

Technical Information

Property	Results
Colour	Grey dry powder
Spreadability	Spread easily with good notchability
Open Time	> 5 minutes
Adjustibility	> 5 minutes
Slip Resistance	> 0.5 mm
Pot Life	> 30 minutes
Density	1.5 - 1.9 g/ml
Tensile adhesion strength (after 28 days) dry condition	> 1.0 N/mm ²
Tensile adhesion strength (after 28 days) wet condition	> 1.0 N/mm ²
Share adhesion strength (after 28 days) dry condition	> 1.5 N/mm ²
Share adhesion strength (after 28 days) dry condition	> 1.0 N/mm ²
Share adhesion strength (after 28 days) heat aging condition	> 1.0 N/mm ²
Deformability (after 28 days) deformable adhesive (s1)	> 2.5 mm - < 5.0 mm

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Methods of Application

Surface Preparation

- Clean loose particles, dirt, grease and traces of foreign materials from the surface, if necessary, by using wire brush/sand paper or by chipping.
- For loose plaster areas or floors/wall which are not even, then remove the defective material and re-plaster the area with Ready-Mix Plaster to make them even.

Mixing

- Take approx.200-300 ml of clean water for 1 Kg Rhino Fix-A-Tile STA in a clean bucket. It is very important that add material into water and not vice versa.
- Stir continuously for 3-5 minutes by using mechanical stirrer or by hand to obtain a homogeneous lump- free paste.
- Allow the resultant paste to stand for about 10 minutes for the additives to dissolve.
- Re-mix again for about 2 Minutes. The mixture is now ready to apply.

Application

- Dampen the surface to be plastered with clean water. Allow excess water to drain off.
- The tiles should be immersed in water for about two hours before fixing.
- Apply the material on the substrate, use 6 mm notched trowel for application.
- Application should be angled between 35 to 45 degrees, using the right amount of pressure. Check for holes and gaps in the adhesive, spread it evenly.
- Fix the tile in the place and tap gently with wooden hammer. Using a notched trowel remove excess mixture from the tile and clean it by using a damp cloth or sponge.

Usage Precautions

- Do not add more water than recommended.
- Applicable for ceramic tiles only.
- Maximum thickness should not more than 3 mm.
- Do not used on gypsum plaster surface, paint, wood and metal.



Packing

25 Kg



Consumption

2 - 3 Sq. Ft./kg at 3 mm thickness on plain surface (or Depending on substrate conditions)



Cleaning of Tools & Equipments

Rhino Fix-A-Tile STA should be removed from the tools at the earliest before it hardens, by cleaning with water.



Storage and Shelf life

- Store in cool, dry, and well-ventilated place away from heat source or direct sunlight.
- Keep away from water and damp area.
- Shelf life is 12 months.
- Avoid using partially used material; open bags with partially used material should be kept in a bag with its mouth tied tightly with string to prevent lump formation.
- As temperature, humidity, water addition and other parameters vary from site to site; the above information should be treated as general guidelines.

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● Ecology, Health and Safety

Health & Safety instructions, all chemicals should not come in contact with skin and eyes or be swallowed. Protective gloves and goggles should be worn.

If contact with skin occurs, wash well with soap and water.

Eye contamination should be washed thoroughly with clean water and medical advice sought. If swallowed seek medical attention immediately. Do not induce vomiting.

● Disclaimer

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product.

Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions.

The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.



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