

ADDΣZIV

Innovation in Every Bond

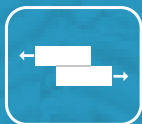


T401 Ultra

PRODUCT BENEFITS



Deformable
Adhesive



Superior shear
bond strength



Suitable for heavy
traffic areas



Addeziv T401 Ultra

Addeziv T401 Ultra is a premium quality, highly polymer-modified, thin set, grey-cement based adhesive for both internal and external floor & wall application suitable for all types of tiles and stones.

Area of Application

Addeziv T401 Ultra's high absorption quality makes it suitable for fixing granite and other stones in heavy traffic areas. Addeziv T401 Ultra is recommended for use on concrete masonry, VD flooring, cement mortar beds, cement plaster, existing vitrified/ceramic tile, brick masonry, cement terrazzo, existing natural stone, etc.



Product Benefits

- Strong, quick and durable bond
- Superior shear bound strength
- Resistance to shrinkage and highly flexible
- Easy to mix and use
- High absorption
- Sustains heat aging
- Suitable for heavy traffic areas

Substrates

- Gypsum Board
- Cement Backer Board
- Calcium Silicate Board
- Existing Vitrified/Ceramic Tiles
- Existing natural stone
- Brick Masonry
- Cement Plaster/Concrete

HOW TO USE



Surface Preparation:

Surface should be clean from any loose particles including dust, oil/grease etc. For best results use it on damp surface.



Application and Spreading:

- Apply the mix uniformly using trowel with thickness of 4-6 mm and then comb with notch trowel.
- Tiles should be placed within 10-15 minutes after applying the mix.
- Addeziv T401 Ultra mix should be applied on the back of tiles before placement.
- Fix the tiles with sliding motion and hammer gently with a soft mallet.



Blending of Addeziv T401 Ultra

- Gradually mix it with potable water (5-6 Ltr) to prepare workable and lumps free paste.
- Waiting Time: Wait for 5-10 minutes after preparing the paste.



Cleaning of Tile:

Excessive adhesive should be cleaned from the joints and surface of tiles.



Grouting:

- Grouting should be carried out only after 24 hours of tile placement.
- Grout with Addeziv TG21 cementitious grout.
- Use Addeziv EG51 epoxy grout for stain free grouting.

Technical Information

Test specifications requirement As per IS 15477:2019			
Test	Test Methods	Specification	Result
Physical Appearance	Visual	Grey Cementitious Powder	Grey Cementitious Powder
Bulk Density	Internal	1.50 - 1.90 gm/ml	1.71 gm/ml
Flow Point	Internal	165 - 210 mm	180 mm
Open Time	IS-15477 -2019	>5 minutes.	40 minutes
Pot Life	Internal	>30 minutes	130 - 150 minutes
Spreadability	Internal	Spread Easily with Good Notchability	Spread Easily with Good Notchability
Adjustability	IS 15477 : 2019	>5 minutes	35 minutes
Slip Resistance	IS 15477 : 2019	<0.50 mm	0.40-0.48 mm
Tensile Adhesion	IS 15477:2019 Dry Condition	≥1.50 N/mm ²	1.50 - 1.60 N/mm ²
Tensile Adhesion	IS 15477:2019 Wet Condition	≥1.00 N/mm ²	1.03 - 1.05 N/mm ²
Shear Adhesion	IS 15477:2019 Dry Condition	≥1.50 N/mm ²	1.55 - 1.60 N/mm ²
Shear Adhesion	IS 15477:2019 Heat Condition	≥1.00 N/mm ²	1.10 - 1.20 N/mm ²
Shear Adhesion	IS 15477:2019 Wet Condition	≥1.00 N/mm ²	1.25 - 1.30 N/mm ²

Coverage

- 50-55 ft² per 20 kg bag using a square notched trowel for fine thin bed fixing.
- Coverage may vary depending on trowel notch size, size of the tile, substrate type and site conditions.

Storage Life

- 12 months from the date of manufacturing, if placed in cool and dry area.

Packaging : 20 kg bag

Important Notes

- Do not add excess water than recommended
- Always add powder to water
- Protect from direct rain and foot/traffic movement for at least 24 hours

Caution: It contains Portland cement, avoid contact with eyes. In case of eye contact use plenty of water and visit certified doctor.

Note: - Actual performance and strength will depend on site conditions, method of preparation and application.

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Disclaimer: The Company provides guarantee against defective material, but the application and usage of products are made without guarantee since the application conditions are not in its control. All products are tested under the recommended conditions of temperature 27 ± 2°C and humidity 65 ± 5%. Company recommends to verify the suitability of the product for intended use with the latest version of data sheet. The Company may modify product data sheet without any prior notice. All technical characteristics are listed for guidance only and Addeziv technical team may be contacted for more information.

