

Highly performance cementitious adhesive for fixing ceramic tiles and small format natural stones designed for interior applications.



**EN 12004:2017 C1T  
IS15477:2019 (N/mm<sup>2</sup>) - Type1 T**

## PRODUCT BENEFITS

- Designed for interior applications
- Tile-on-Tile and Wet-on-Wet systems
- Uni-component
- Absorbs high loads
- Slip Resistance
- High Tensile Strength
- Sustains heat ageing
- High deformation
- Good underwater shear bond
- Shock resistant

## APPLICATION AREAS

- Walls
- Floors
- Showers
- Damp areas
- Tile on tile applications
- Can be used as slurry bond adhesive in wet on wet applications
- Dry areas
- Worktops

**PACKAGING SIZE 20 KG**

## USAGE

### Materials

- Marbles
- Ceramic tile, Vitreous, Semi-vitreous tile
- Glass mosaic tiles,
- Precast terrazzo and
- Natural stones

### Substrates

- Cement Plaster
- Ceramic Tile
- Concrete Masonry
- Brick Masonry
- Cement Mortar Beds
- Concrete
- Existing Natural Stone

## COVERAGE

Approximately 71.6 sqft per 20 kg bag @3mm thickness\*\*

\*\*Coverage will vary depending on type and size of tile and substrate smoothness and evenness.

TECHNICAL DATA	
• Form	Powder
• Colors	White
• Mixing Ratio	100:28 pbw
• Shelf Life	1 year
• Pot Life	3 hours
• Open Time	>20 minutes
• Time to traffic	24 hours
• Temperature Resistance	-30 deg C to 90 deg C
• Tensile Adhesion Strength Dry Days (28 Days)	>1.1N/ mm2
• Tensile Adhesion Strength Wet Condition (28 Days)	0.75 - 0.8 N/mm2
• Heat Aging	0.55 N/mm2
• Freeze Thaw	0.55- 0.6 N/mm2
• Slip Resistance	0.4 mm

INSTRUCTIONS

SURFACE PREPARATION	PREPARING THE MIX
<ul style="list-style-type: none"><li>• Surface temperature should be between 4 deg C to 40 deg C and structurally sound, clean and free of waxes, dirt and coatings, laitance, sealers or curing compounds.</li><li>• Dry, dusty concrete slabs or masonry should be dampened and excess water swept off.</li></ul>	<ul style="list-style-type: none"><li>• Fill clean, potable water into a container.</li><li>• Add RachTR TSA ECO + powder into the mixing bowl. Use approximately</li><li>• White- 5-7 L of water for 20 kg of powder</li><li>• Ensure proper and thorough mixing with slow speed mixer up till trowelable consistency.</li><li>• Adjust consistency if necessary.</li><li>• Apply with notch trowel.</li><li>• Use Gloves, Goggles and Respirators while applying</li></ul>

## APPLICATION METHOD

- Apply adhesive to the substrate with flat side of the trowel, pressing firmly into substrate.
- Comb on additional adhesive with the notched side.
- Use the proper sized notched trowel to insure full bedding of the tile.
- Spread as much adhesive as can be covered with tile in 10 minutes. Back butter to provide full bedding and firm support. Place tiles into wet, sticky adhesive and beat in using a beating block and rubber mallet to imbed tile and adjust level.
- Check adhesive for complete coverage by periodically removing a tile and inspecting bedding adhesive transfer onto back of tile.
- If adhesive is skinned over (not sticky), remove and replace with fresh adhesive.
- Grouting:- Grout installation should be done after a minimum of 24 hours curing time at 21° C
- During cold weather, protect finished work from traffic until fully cured.

## EMERGENCY/FIRST AID

- Ingestion: Do not induce vomiting. Call a physician
- Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.
- Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Wash clothes before wearing again.
- Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

## STORAGE AND HANDLING

May be harmful if swallowed. May cause skin, eye and respiratory irritation. Do not inhale.

Avoid prolong exposure to powder. Use in a well ventilated area. Do not ingest.

**KEEP OUT OF THE REACH OF THE CHILDREN.**

Do not freeze or store above 400 C. Do not mix with other chemicals



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Manufactured in INDIA

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