

Two component PU modified based flexible Tile adhesive/ Marble Adhesive with high adhesion strength, used for laying of ceramic tiles, porcelain tiles, natural and synthetic stones, on floors and walls, on absorbent and non-absorbent, deformable substrates



- EN12004:2017 R2T
- IS 15477:2019 Type 5T

PRODUCT BENEFITS

- Strong Adhesion to all surfaces used in a building
- Excellent Durability
- Resistant to ageing
- No vertical slip
- High adhesion on deformable substrates

APPLICATION AREAS

- Floors
- Walls
- Showers
- Damp Areas
- Tile on tile applications
- Dry areas
- Worktops

PACKAGING SIZE

4kg & 8 KG

USAGE

Materials

- Marbles
- Ceramic tile
- Vitrified / Vitreous, Semi-vitreous tile
- Glass mosaic tiles
- Porcelain Tiles
- Precast terrazzo
- Natural stones & Synthetic Stones

Substrates

- Mineral Screeds & Cement Based Screeds
- Concrete, Cement Plasters, & Cement-Lime mortar
- Cement Fiber Board
- Gypsum, Gypsum Board, Gypsum panels,
- Woods, Metals, Glass, PVC, Linoleum
- Floors and Walls in Glazed Tiles, Cement based & resin floor tiles, Porcelain Tiles.

COVERAGE

Approximately 2 - 4 kg per m² depending upon the substrate or 20 - 25 sq ft per 8 kg pack bag @3mm thickness

TECHNICAL DATA

• Form	Paste
• Color	White
• Mixing Ratio	6.4kg Part A : 1.6kg Part B
• Pot Life	60 Minutes
• Shelf Life	2 years
• Open Time	60 mins
• Time to traffic (Light Foot)	24 hours
• Temperature Resistance	-30°C to 150°C
• Vertical Slip	0.16mm
• Interval before use	3 days
• Tensile adhesion to metal	>1.5 MPa
• Tensile adhesion to concrete	>3 Mpa (Concrete Failure)
• Adjustability	60 Minutes
• Deformability (S2)	>10mm

Properties tested to EN12004-2: 2017

	Desired Values	Actual Values
Initial Shear Adhesion Strength (Clause 8.5)	R2: >2N/mm ²	5.42 N/mm ²
Shear Adhesion Strength (Clause 8.5)		
• After Water Immersion	R2: >2N/mm ²	4.93 N/mm ²
• After Thermal Shock	R2: >2N/mm ²	4.24 N/mm ²
Open Time (Tensile Adhesion Strength - Clause 8.1)		
• 10 mins	> 0.5 N/mm ²	2.01 N/mm ²
• 20 mins	> 0.5 N/mm ²	1.74 N/mm ²
• 30 mins	> 0.5 N/mm ²	1.44 N/mm ²
• 60 mins	> 0.5 N/mm ²	1.19 N/mm ²
• 70 mins	> 0.5 N/mm ²	0.67 N/mm ²
Slip (Clause 8.2)	< 0.5 mm	0.16 mm

INSTRUCTIONS

SURFACE PREPARATION

- All substrates must be compact & consistent.
- Substrate should be properly cleaned to free from oils, dust and grease and free from any rising dampness. The substrate must be stable, without cracks and have already completed the recommended curing period.
- Uneven areas must be corrected with suitable smoothing and finishing products.

APPLICATION METHOD

- Spread ADFLEX 206 onto the substrate using a suitable notch trowel. If the adhesive is used for bonding special tile, also fill the gaps on the back of the piece with ADFLEX 206 before laying. The pieces to be bonded should be pressed together to guarantee good buttering. Once set, the bond will be very tough.
- The surrounding temperature affects the hardening time of the product. At 23 °C, it is adjustable for approximate 1 hour, and this time reduces as the temperature increases.

Cleaning

- Residues of ADFLEX 206 can be cleaned from tools and covered surfaces with RachTR XC3 while the adhesive is still fresh. Once cured, the adhesive can be removed by RachTR XC4 and mechanical means.

PREPARING THE MIX

- ADFLEX 206 is prepared by mixing together parts A and B using a low speed electric agitator, in the ratio of Part A: Part B :: 4 : 1. Avoid overheating of the blend during mixing which would reduce working time.
- Pour part B into the bucket containing part A. Be careful to mix the two parts uniformly until a smooth, even coloured mixture is obtained.

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 prolonged 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 40° C. Do not mix with other chemicals

RachTR®

WITH CHEMISTRY WE CAN

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