

TA C6 Rapid Set

Rapid set Adhesive

Pack Size

20Kgs

TDS Technical Data Sheet



Product Description

TA C6 Rapid Set Adhesive is a grey, thin-set, polymer-modified adhesive designed for interior and exterior wall and floor tile and stone installations. This next-generation thin-set mortar is formulated to provide superior bonding with higher tensile adhesion strength. It is a high-quality mortar composed of cement and premium admixtures, making it easy to apply and a superior replacement for conventional thick jointing mortars.

Features and Benefits

Very high adhesion strength Ready-to-use material—just add water Economical and cost-effective Time-saving Water-resistant Suitable for concrete surfaces, plastered surfaces, unglazed tiles, hard natural stone, and AAC/CLC blocks in both interior and exterior conditions

Recommended Uses

Ideal for laying and joining tiles and stones on various surfaces, including concrete, plastered surfaces, unglazed tiles, hard natural stone, and AAC/CLC blocks, in both interior and exterior environments.

Surface Preparation

The surface must be structurally sound, clean, and free of dust. Fresh concrete, plastered surfaces, or Portland cement-based surfaces should be allowed to dry after the recommended curing period before application.

Mixing Instructions

Add 25-30% water to the powder. If mixing manually, it is advisable to add powder to water. Using a mechanical stirrer will ensure optimum mixing. Ensure all powder is thoroughly mixed, leaving no dry mortar in the vessel.

Application Methodology

Apply TA C6 Rapid Set Adhesive with the flat face of a trowel from the farthest point to the nearest on horizontal surfaces, and from bottom to top on vertical surfaces, to minimize wastage and ensure faster work. Spread the adhesive up to a workable space—not more than 1m² at a time. Comb the adhesive with a notched trowel to the required depth (3-6 mm), ensuring that combing is done straight rather than in curves. Set the tile firmly into the adhesive and twist it perpendicularly to the combing pattern to maximize contact area. Use spacers as per specifications. Any adjustments should be made within 10-15 minutes after fixing. Clean excess adhesive from tile faces. Grouting can be done 24 hours after application.

Precautions

Avoid inhalation of dry mortar during mixing or handling. In case of contact with the face or eyes, rinse immediately with water.

Technical Specifications

Parameter	TA C6 Rapid Set Adhesive
Appearance	Free Flowing Powder
Colour	Grey
Water Demand	25-30%
Pot Life	Approximately 2 hours @ 27°C
Shear Adhesion (Dry)	10 KN
Shear Adhesion (Heat Aged)	7 KN
Shear Adhesion (Wet)	8 KN
Tensile Adhesion (Dry)	1400 N
Tensile Adhesion (Wet)	1200 N

Test results meet the Type 2 requirements as per IS 15477. Specific test results can be provided upon request.

Coverage

Approximately 3.5 kg/m² with 3 mm thickness.

Storage

Store in a dry place. Use within 6 months from the date of manufacturing.

Packaging

Available in 25 kg PP laminated bags.

Pack Size

20Kgs



Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

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