

PREMIUM TILE ADHESIVE
DESIGNED FOR FIXING EXTERIOR TILES,
STONE SURFACES, AND GLASS MOSAICS.



C2TES1
EN 12004

TYPE 3TS1
IS 15477: 2019

WEIGHT : 20KG | WHITE

AQIROO'S
EDGE

AQIROO'S Edge is a TYPE 3 specially formulated high-bond adhesive designed for large-format tiles, porcelain tiles, marble, and granite. Its strong polymer matrix offers superior adhesion, high flexibility, and resistance to cracking—ideal for both floors and walls in residential and commercial interiors. Easy to mix and apply, EDGE delivers dependable results in every installation.

APPLICATIONS

AQIROO's Edge (TYPE 3) is a flexible, polymer-modified adhesive designed for large-format tiles and stones. Its high deformability and strong grip ensure excellent sag and slump resistance on both walls and floors, delivering reliable performance across various substrates.

COVERAGE

20 kg bag: approx. 5–6 m² at 3 mm thickness (using 6 mm × 6 mm notch).

*Coverage may vary based on trowel notch size, tile type and size, and the smoothness or evenness of the substrate.

LIMITATIONS

- Not For Use On Gypsum Surfaces, Fibre-cement Boards, Drywall, Plywood, Laminates, Metal, Plastic, Or Any Flexible/vibrating Surfaces.
- Tile Adhesive Is Not A Waterproofing Substitute. Apply Waterproof Coating In Wet Areas Before Tiling.
- Not Suitable For Artificial, Nano, Engineered Stone, Composites, Or Metal Tiles.

SUBSTRATE PREPARATION

- Surface must be clean, dry, level, and sound.
- Ensure walls/floors are plumb and even (within 6 mm per 3 m).
- New concrete: cure 28 days.
- Keep expansion joints open and filled with sealant.

TECHNICAL INFORMATION

TESTING PROPERTY	TEST RESULTS
TENTATIVE MIXING RATIO (POWDER : WATER)	3 : 1 by volume / 1 : 0.24 by weight
MIXED DENSITY	1.6 – 1.8 kg/litre
OPEN TIME (IS 15477:2019)	Approx. 35 minutes
ADJUSTABILITY (IS 15477:2019)	Approx. 40 minutes
POT LIFE	Approx. 120 minutes
APPLICATION TEMPERATURE (SUBSTRATE & MATERIAL)	5°C to 35°C
RECOMMENDED ADHESIVE THICKNESS	3 – 12 mm
SETTING / TRAFFICABLE / GROUTING TIME	24 hours

PERFORMANCE PROPERTIES (IS 15477:2019 – TYPE 3 'TS1')

TESTING PROPERTY	REQUIREMENT	TEST RESULTS
TENSILE ADHESION AT DRY CONDITION Annex A (Clause 5.1)	≥ 1.5 N/mm ²	≥ 1.6 N/mm ²
TENSILE ADHESION AT WET CONDITION Annex A (Clause 5.1)	≥ 1 N/mm ²	≥ 1.2 N/mm ²
SHEAR ADHESION AT DRY CONDITION Annex B (Clause 5.2)	≥ 1.5 N/mm ²	≥ 1.7 N/mm ²
SHEAR ADHESION AT WET CONDITION Annex B (Clause 5.2)	≥ 1 N/mm ²	≥ 1.4 N/mm ²
SHEAR ADHESION AT HEAT AGEING Annex B (Clause 5.2)	≥ 1 N/mm ²	≥ 1.3 N/mm ²
SLIP RESISTANCE (T) Annex E (Clause 5.5)	< 0.5 mm	< 0.3 mm
TRANSVERSE DEFORMATION (S1) Annex F (Clause 5.6)	≥ 2.5 mm, 5 mm	≥ 3.5 mm

NOTE :
Values are indicative as per standard test methods.
Actual site performance may vary depending on substrate quality, installation practices, and conditions.

FEATURES & ADVANTAGES

- Easy To Mix – Just Add Water On-site.
- Suitable For Internal Floors And Walls.
- Water-resistant For Use In Wet Areas.
- Strong Adhesion On Cement-based Substrates.
- Self-curing Formula For Faster, Hassle-free application.
- Low Voc – Safer And Healthier For Indoor Spaces.

SHELF LIFE

12 months in sealed packaging when stored in a dry, covered area—protected from direct sunlight, moisture, and extreme temperatures.

MIXING

- Mix 3–3.5 parts powder with 1 part water (approx. 5–6 liters for 20 kg).
- Stir with a mechanical mixer until Smooth and lump-free.
- Prepare only the amount usable Within the pot life.
- Let the mixture rest for 5 minutes before use. Do not add extra water after mixing.

SAFETY PRECAUTIONS

- Keep away from children.
- Wear protective gloves, clothing, and eye/face protection.
- Rinse skin or eyes with plenty of clean water; seek medical help if needed.
- For professional use only.
- Refer to the Safety Data Sheet for full details.