

PREMIUM TILE ADHESIVE
FOR LARGE FORMAT EXTERNAL WALL & FLOOR TILES



AQIROO'S
SUPREME

AQIROO'S Supreme is a TYPE 3 superior-grade adhesive designed for vitrified tiles, digital tiles, glazed tiles, and medium-to-large format natural stones. Its strong polymer formulation offers exceptional bonding, extended open time, and excellent slip resistance—making it ideal for demanding interior applications. With smooth workability and easy water mixing, Supreme ensures a secure hold, perfect alignment, and long-lasting tile performance.

APPLICATIONS

AQIROO's Classic (TYPE 3) is a high-performance, polymer-modified, non-slip adhesive (3T S1) ideal for tile-on-tile, vitrified tiles, natural stone, and glass mosaics. Suitable for walls and floors up to 6–12 mm thickness. Water-resistant and perfect for wet areas like pools.

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.