

PREMIUM TILE ADHESIVE
**POWERFUL, FLEXIBLE ADHESIVE FOR
OUTDOOR TILES & STONES—RELIABLE AT ANY HEIGHT.**



aqista
FIX IT
ONCE,
FIX IT
FOREVER
TILE
ADHESIVE
POLYMER MODIFIED
AQIROO'S
ULTRA
IS 15477
C2TES1
TYPE 4
WEIGHT
20 KG.
EN 12004
IS 15477: 2019
CE
ZNS
CS

C2TES1
EN 12004

TYPE 4TS1
IS 15477: 2019

WEIGHT : **20KG | WHITE**

AQIROO'S

ULTRA

AQIROO'S Ultra is a TYPE 4 professional-grade adhesive made for large slabs, heavy stones, vitrified tiles, and high-density surfaces. Its exceptional bonding strength, flexibility, and moisture resistance make it suitable for high-traffic areas and challenging environments. ULTRA ensures long-term durability, perfect leveling, and effortless application with just water mixing.

APPLICATIONS

AQIROO's Ultra (TYPE 4) is a highly flexible, polymer-modified adhesive with excellent slip resistance, extended open time, and strong bonding. Suitable for large-format tiles, natural stones, and slim tiles on walls and floors. Ideal for indoor/outdoor use, high-traffic areas, and substrates exposed to movement or vibration.

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. 40 minutes
ADJUSTABILITY (IS 15477:2019)	Approx. 45 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 4 'TS1')

TESTING PROPERTY	REQUIREMENT	TEST RESULTS
TENSILE ADHESION AT DRY CONDITION Annex A (Clause 5.1)	≥ 1.5 N/mm ²	≥ 1.9 N/mm ²
TENSILE ADHESION AT WET CONDITION Annex A (Clause 5.1)	≥ 1 N/mm ²	≥ 1.3 N/mm ²
SHEAR ADHESION AT DRY CONDITION Annex B (Clause 5.2)	≥ 1.5 N/mm ²	≥ 2.1 N/mm ²
SHEAR ADHESION AT WET CONDITION Annex B (Clause 5.2)	≥ 1 N/mm ²	≥ 1.9 N/mm ²
SHEAR ADHESION AT HEAT AGEING Annex B (Clause 5.2)	≥ 1 N/mm ²	≥ 1.5 N/mm ²
SLIP RESISTANCE (T) Annex E (Clause 5.5)	< 0.5 mm	< 0.2 mm
TRANSVERSE DEFORMATION (S1) Annex F (Clause 5.6)	≥ 2.5 mm, 5 mm	≥ 4.0 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.