

GRADE 04 · PREMIUM

ST4 PLATINUM

Premium floor & wall tile adhesive · 20 kg bag

The strongest bond in the Tilexo range. ST4 Platinum is our premium, highly deformable (S2) formulation, engineered for maximum holding strength on installs that can't afford a callback.

BEST SUITED FOR

Premium installs, heavy tiles and demanding sites

APPLICATIONS

- Premium installs and heavy tiles
- Demanding sites with no room for a callback
- Highest deformability in the range (S2 class)
- Premium residential and commercial interiors

TEST RESULTS (IS 15477:2019)

Property	Result	IS 15477 requirement	Method
Classification	Type 4 adhesive	Type 1-5	Clause 4
Tensile adhesion, dry	1.76 N/mm ²	≥ 1.5 N/mm ²	Annex A
Tensile adhesion, wet	1.41 N/mm ²	≥ 1.0 N/mm ²	Annex A
Shear adhesion, dry	1.97 N/mm ²	≥ 1.5 N/mm ²	Annex B
Shear adhesion, heat-aged	1.72 N/mm ²	≥ 1.0 N/mm ²	Annex B
Shear adhesion, wet	1.44 N/mm ²	≥ 1.0 N/mm ²	Annex B
Open time	30 min	≥ 15 min (declared)	Annex C
Adjustment time	40 min	≥ 20 min (declared)	Annex D
Slip (vertical)	0.20 mm · T	≤ 0.5 mm	Annex E
Deformability	5.97 mm · S2	≥ 5.0 mm	Annex F

MIXING & USE

Item	Value
Water ratio	250 ml per kg · about 5.0 litres per 20 kg bag
Pack size	20 kg bag
Shelf life & storage	12 months in the unopened bag · keep dry, off the floor, under cover

HOW TO APPLY

1. Clean the surface. The base must be firm, level and free of dust, oil, paint and loose material. Dampen very dry, absorbent surfaces and wipe away standing water.
2. Measure the water. Use clean water in a clean bucket. Measure it out first; the right ratio for each grade is printed below and on the bag.
3. Pour the adhesive. Add the powder to the water, not the other way round, while mixing.
4. Wait. Let the mix stand for about 5 minutes so the additives activate.
5. Stir. Re-mix to a smooth, lump-free paste, ideally with a drill and paddle at low speed. Do not add more water later.
6. Apply. Spread with a notched trowel, comb in straight lines, place the tile and press with a slight twist. Adjust within the adjustment time and grout after 24 hours.

Cement-based product: wear gloves and avoid contact with eyes. Coverage depends on surface, tile size and trowel; use the calculator at www.shritilexo.com.

