



PRODUCT CATALOGUE

Premium floor & wall tile adhesive · Majbooti Ki Buniyaad



ST1 SILVER



ST2 GOLD



ST3 DIAMOND



ST4 PLATINUM

FOUR GRADES, ONE SYSTEM

Pick the grade that matches the job, from everyday internal floor tiling to the most demanding installs. Every grade is lab-tested to IS 15477:2019 and supplied in 20 kg bags.

	ST1 Silver	ST2 Gold	ST3 Diamond	ST4 Platinum
IS 15477 class	Type 1	Type 2	Type 3	Type 4
Tensile, dry (N/mm ²)	0.63	1.21	1.71	1.76
Shear, dry (N/mm ²)	1.10	1.32	1.87	1.97
Open time (min)	20	25	25	30
Adjustment time (min)	25	30	30	40
Wall (vertical) use	Floor only	Yes · T	Yes · T	Yes · T
Deformability	—	S1	S1	S2
Water per 20 kg bag	5.5 L	5.2 L	5.0 L	5.0 L
Best suited for	Ceramic floors	Vitrified, floor+wall	Large format	Premium, heavy

WHY TILEXO

Non-slip grip. Holds tiles in place on application, so they don't creep or slide before the bond sets.

Crack resistant. Formulated to keep tiles from cracking as the surface settles over time.

No hollow sound. A solid, even bed underneath. No hollow patches, no weak spots.

Floor & wall. One adhesive family for internal floor and wall tiling.

GRADE 01 · ENTRY

ST1 SILVER

Premium floor & wall tile adhesive · 20 kg bag

Our entry-level formulation for everyday internal tiling. A dependable, non-slip bond with the holding strength routine residential jobs need, and a clear step up from sand-cement mortar.

BEST SUITED FOR

Ceramic tiles on standard residential floors

APPLICATIONS

- Ceramic floor tiles
- Small and medium tile sizes
- Residential rooms, corridors and shops
- Internal, dry areas

For wall tiling choose ST2 Gold or above. ST1 is declared and tested for non-vertical (floor) application.

TEST RESULTS (IS 15477:2019)

Property	Result	IS 15477 requirement	Method
Classification	Type 1 adhesive	Type 1-5	Clause 4
Tensile adhesion, dry	0.63 N/mm ²	≥ 0.5 N/mm ²	Annex A
Shear adhesion, dry	1.10 N/mm ²	≥ 1.0 N/mm ²	Annex B
Open time	20 min	≥ 10 min (declared)	Annex C
Adjustment time	25 min	≥ 15 min (declared)	Annex D
Slip / deformability	Not applicable	Floor (non-vertical) use	—

MIXING & USE

Item	Value
Water ratio	275 ml per kg · about 5.5 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.



GRADE 02 · ALL-ROUNDER

ST2 GOLD

Premium floor & wall tile adhesive · 20 kg bag

A step up in bonding strength for general tiling work. ST2 Gold holds firm across a wider range of tile sizes on floors and walls, with tested slip resistance for vertical fixing.

BEST SUITED FOR

Vitrified and ceramic tiles, floors and walls alike

APPLICATIONS

- Vitrified and ceramic tiles
- Floor and wall tiling
- Kitchens, bathrooms and living areas (internal)
- A wider range of tile sizes than ST1

TEST RESULTS (IS 15477:2019)

Property	Result	IS 15477 requirement	Method
Classification	Type 2 adhesive	Type 1-5	Clause 4
Tensile adhesion, dry	1.21 N/mm ²	≥ 1.0 N/mm ²	Annex A
Tensile adhesion, wet	1.12 N/mm ²	≥ 1.0 N/mm ²	Annex A
Shear adhesion, dry	1.32 N/mm ²	≥ 1.25 N/mm ²	Annex B
Shear adhesion, heat-aged	1.17 N/mm ²	≥ 1.0 N/mm ²	Annex B
Shear adhesion, wet	1.12 N/mm ²	≥ 1.0 N/mm ²	Annex B
Open time	25 min	≥ 15 min (declared)	Annex C
Adjustment time	30 min	≥ 20 min (declared)	Annex D
Slip (vertical)	0.22 mm · T	≤ 0.5 mm	Annex E
Deformability	2.71 mm · S1	≥ 2.5 and < 5.0 mm	Annex F

MIXING & USE

Item	Value
Water ratio	260 ml per kg · about 5.2 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.



GRADE 03 · HEAVY-DUTY

ST3 DIAMOND

Premium floor & wall tile adhesive · 20 kg bag

Formulated for higher bonding strength. ST3 Diamond is built for larger tiles and higher-traffic areas, holding firm under the extra weight and wear.

BEST SUITED FOR

Large-format tiles and higher-traffic floors

APPLICATIONS

- Large-format tiles
- Higher-traffic floors: showrooms, offices, lobbies
- Heavier floor and wall tiles
- Internal applications



TEST RESULTS (IS 15477:2019)

Property	Result	IS 15477 requirement	Method
Classification	Type 3 adhesive	Type 1-5	Clause 4
Tensile adhesion, dry	1.71 N/mm ²	≥ 1.5 N/mm ²	Annex A
Tensile adhesion, wet	1.38 N/mm ²	≥ 1.0 N/mm ²	Annex A
Shear adhesion, dry	1.87 N/mm ²	≥ 1.5 N/mm ²	Annex B
Shear adhesion, heat-aged	1.63 N/mm ²	≥ 1.0 N/mm ²	Annex B
Shear adhesion, wet	1.46 N/mm ²	≥ 1.0 N/mm ²	Annex B
Open time	25 min	≥ 15 min (declared)	Annex C
Adjustment time	30 min	≥ 20 min (declared)	Annex D
Slip (vertical)	0.19 mm · T	≤ 0.5 mm	Annex E
Deformability	3.33 mm · S1	≥ 2.5 and < 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.

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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.
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