

HOME PRIDE

Complete Tile Fixing Solution



HP-1002

FOR EXTERIOR LIGHT WEIGHT TILES

ADHESIVE FOR USE WITH CERAMICS, MOSAIC & STONE TILES.

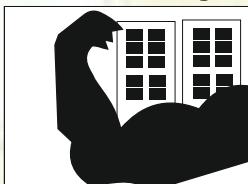


**COMPLIANCE
TYPE - 3
ANSI A 118.4 ET
EN/ISO C2TES1 CLASSIFIED**

Latest Technology
Value For Money



Durability



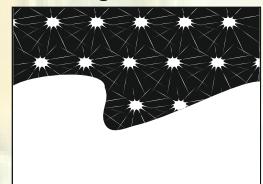
ISI MARK



Reliability



Resists Algae &
Fungus Growth



HOME PRIDE TILE ADHESIVE 1002**Exterior Elevation Adhesive**

Home Pride 1002 Tile Adhesive is a Polymer Modified adhesive for installation of small and medium format Ceramic and Vitrified tiles on wall and floor in Exterior area for improve performance and for exterior use fortified with Home Pride 93 Create Admix. Exceeds type 3 Indian Standard, EN and ANSI Standard. Home Pride Tile Adhesive is very good mixture of cement, polymer and natural mineral and other aggregate.

APPLICATION

- ✓ Designed especially for External floor and wall application.
- ✓ Tile adhesive for all type of tile thick and thin application.
- ✓ For all type of ceramic tile and vitrified.
- ✓ Recommend uses-Vertical and other then vertical.
- ✓ Over concrete and a variety of cement based substrates.

SUITABLE SUBSTRATES

- ✓ Cement plaster
- ✓ Brick masonry
- ✓ Cement mortar bed
- ✓ Concrete
- ✓ Cement terrazzo
- ✓ Ceramic tile and stone

SUITABLE TILE TYPE

- ✓ Ceramic tile, Vitrified tile, Stone Quarry, Glass Mosaic tile.
- ✓ Tile dimension more than 300 mm * 300 mm.
- ✓ This adhesive is suitable mainly for tile with apparent porosity less than 3 %.

ADVANTAGE

- ✓ It is easy to apply.
- ✓ Ideal for fixing ceramic and vitrified tile on External floor and wall.
- ✓ The product has unique features and advantages.
- ✓ This is Single component, just add water.
- ✓ This is a fantastic product in single packing.

STANDARD COMPLIANCE & CERTIFICATION

IS 15477:2019 Type: 3 TS1

HOME PRIDE 1002 TILE ADHESIVE is ISI Certified and categorized Type 3 TS1 as per IS 15477:2019.
ADHESIVE FOR USE WITH CERAMIC, MOSAIC AND STONE TILES – specification


EN:12004 & ISO: 13007 –C2TES1

HOME PRIDE 1002 TILE ADHESIVE conforms to C2TES1 as per - A cementitious (C)improved performance (2) Slip resistant (T) Tile Adhesive as per EN:12004 & ISO: 13007 – C2TES1 .


ANSI: A 118.4 -ET

HOME PRIDE 1002 TILE ADHESIVE conforms to ANSI: A 118.4 – ET.

TECHNICAL DATA
Product Identification

Consistency	Free flowing powder
Density (g/cm ³)	1.77
Colour	Grey / White

Performance Property (at +27°C and 65% R.H)

Mixing ratio (Powder : Water)	4:1 to 3:1
Application temperature range	+5°C To 40 °C
Pot life	1.5 to 2 hr
VOC Content (As per EPA 24method)	<1.18 gm/kg
Adhesive Thickness	3 – 12 mm
Light foot traffic	24 hr
Grouting time	24 hr
Ready for use (heavy traffic)	7 days
Packaging	20 kg

TECHNICAL DATA

Performance Property: Home Pride 1002 Tile Adhesive mixed with water and Admixture.

Application Standards: Approved IS 15477:2019 & Meet ANSI: A 118.4 – ET, EN 12004 & ISO 13007.

IS 15477 : 2019 TYPE -3		
TEST METHOD	REQUIREMENT	TYPICAL VALUES
TENSILE ADHESIVE STRENGTH		
Dry Condition (28 days) Annex A (Clause 5.1)	1.5 N/mm ²	1.51 – 1.57 N/mm ²
Wet Condition (7 STD days 21 WET) Annex A (Clause 5.1)	1 N/mm ²	1.01 - 1.08 N/mm ²
SHEAR ADHESIVE STRENGTH		
Dry Condition (28 days) Annex B (Clause 5.2)	1.5 N/mm ²	1.52 – 1.58 N/mm ²
Heat Ageing Condition (14 STD 14 days oven) Annex B (Clause 5.2)	1N/mm ²	1.01 - 1.09 N/mm ²
Wet Condition (7 STD days 21 WET) Annex B (Clause 5.2)	1 N/mm ²	1.01 - 1.05 N/mm ²
OPEN TIME		
Open Time Annex C (Clause 5.3)	> 15 Min	20 Min
ADJUSTMENT TIME		
Ad. T Annex D (Clause 5.4)	> 15 Min	20 Min
SLIP TEST		
Slip Test Annex E (Clause 5.5)	< 0.5 mm	0.2 mm - 0.32 mm
DEFORMABILITY		
Deformability S1 Annex F (Clause 5.6)	>2.5 mm , < 5.0 mm	3 mm – 3.8 mm

*All the tests carried out at standard atmospheric condition.

EN 12004/ISO 13007 Data (C2TES1)

Test	Test method	Requirement	Typical values
Tensile Adhesion strength	Initial after 28 days	≥1.0 N/mm ²	1.51 – 2.2 N/mm ²
	After Water Immersion	≥1.0 N/mm ²	1.51 – 1.79 N/mm ²
	After Heat Ageing	≥1.0 N/mm ²	1.17 – 1.54 N/mm ²
	After Freeze- Thaw Cycle	≥1.0 N/mm ²	1.71 – 2.3 N/mm ²
Extended Open time	EN 1346	≥0.5 N/mm ²	0.81–1.24 N/mm ²
Transverse Deformation	EN 12002	>2.5 mm , < 5.0 mm	3 mm – 3.8 mm
Slip resistance	EN 1308	≤0.5 mm	0.30 – 0.34 mm

Note: All the tests carried out at standard atmospheric condition. Test results may vary as per substrate, site condition & testing machine etc. Actual field performance will depend on installation methods and site condition.

Coverage details (Per 20 Kg Bag)

Trowel Size	Average Bed Thickness	Minimum Coverage	Maximum Coverage
6mm*6 mm Square Notch(1/4*1/4)	3 mm	55 Sq.ft	60 sq ft

*Coverage will be depending on type & size of tile & substrate smoothness & flatness.

INSTALLATION

For proper installation of Tiles / Stone following recommendation should be follow

1. Substrate Preparation

The substrate must be level , cured , compact, undamaged , rigid, resistant, dry and free from any debonding agents like dust particles ,oil , grease ,loose peeling point , concrete sealer and all surface should be in the range of temperature of 10 -38°C.

Dry and dusty surfaces should be dampened with water and excess water should be swept off.

New concrete surface shall be damp cured and 28 days old before application which will reduce the shrinkage from tile fixing surface. All surfaces must be plumb and true to within 6 mm in 10 ft (3m).

Check the floor flatness before installation of tile/stone on floor:- Properly prepared substrates should not have more than a permissible variation of 1/8 in. 10 feet (3mm in 3.05) from the required plane nor more than 1/16 in 24 inches (2mm in 600mm) When measured from high points in the surface with a straight edge.

Check the wall flatness before installation of Tile/Stone at wall:- prepared substrates should not have more than a permissible variation of 1/8 in 10 feet (3mm in 3 m) from the required plane nor more than 1/16 in 24 inches (2mm in 600mm) When measured from high points in the surface with a straight edge.

Note:-

Removal of Demolding wax powder on the back side of tile:-

For easy and proper installation of the large format or thin/slim porcelain tile is the preparation of the surface and complete removal of demolding wax powder on the back side of the tile. Should there be a fiber mesh present on the back surface of tile. Ensure that completely removed before proceeding with the installation with Home Pride 1002 Tile Adhesive.

2. Mixing

Add powder 4 to 3 part to 1 part of water (Powder: water ratio 4-3:1) or 5 – 6.5 liter water for 20 kg tile adhesive bag in a clean mixing vessel and adjust water as per desired consistency.

For lumps free homogeneous paste preparation mix with a suitable mechanical stirrer or slow speed drills (50 – 80 rpm) until lumps free homogeneous paste is obtained. Leave mixture for 5 minutes before use.

Always mix the paste in required quantity which can be consumed within pot life.

3. Application

Apply Home Pride 1002 Tile Adhesive on the substrate with the flat side of the trowel. By the notch side of trowel Comb the additional adhesive on substrate. As per bedding thickness use the proper size notch trowel.

Tile must be fixed within 20 minutes of adhesive applied, depending on the porosity of the surface and atmospheric condition. Apply adhesive on substrate surface as per tile fixing rate.

Check the adhesive ribs periodically and if a skin has form remove the dried adhesive and apply fresh adhesive. After apply the adhesive fix and press tile firmly into position with a slight twisting action. Good contact should be maintained with back of each tile with adhesive, fix the tile such a way no voids remain behind tile. Beat tile using rubber mallet and adjust level.

For large size tile or irregular surfaces, adhesive can additionally apply on the back of the tile to ensure full adhesive contact. Leave proper space between tiles by using HP spacers.

Clean off excess adhesive from upper surface of tile and between joints.

Storage : - Store cool & dry place.

Storage life: – One year from the date of manufacturing in original closed packaging.

Health Precautions

This product contains cement & silica.
 This product can be irritating to eyes and skin.
 Avoid eye contact and prolong contact with skin.
 Wash thoroughly after handling.
 If eye contact occurs flush with water for 15 minutes and consult with physician.
 Do not breathe dust; wear a P2 type respiratory mask.
 Gloves, goggles and dust mask should be worn.
 Keep out of reach of children's



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HELP DESK

Cooperate Office:



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Home Is Everybody Pride So, Make Sure You Use Home Pride

Remark: The directives contained in this documentation are the result of our experiments and have submitted in good faith.

Because of the diversity of the materials and substrates and the great number of possible application which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.