



Complete Tile Fixing Solution



**HP-1001**

**FOR INTERIOR WALL & FLOOR TILES**

ADHESIVE FOR USE WITH CERAMICS, MOSAIC & STONE TILES.

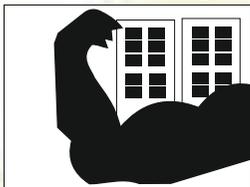


**COMPLIANCE  
TYPE - 2  
ANSI A 118.1 T  
EN/ISO C2T CLASSIFIED**

**Latest Technology  
Value For Money**



**Durability**



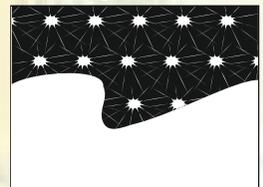
**ISI MARK**



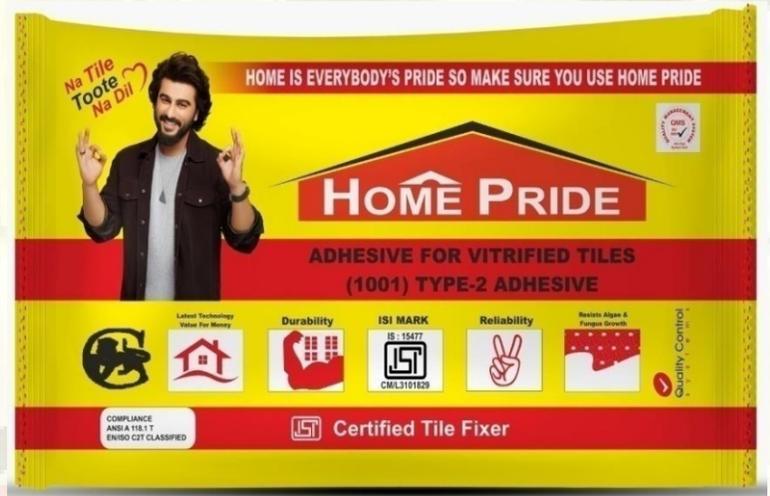
**Reliability**



**Resists Algae & Fungus Growth**



## HOME PRIDE TILE ADHESIVE 1001



### Interior & Exterior Elevation Adhesive

Home Pride 1001 is a Polymer Modified Adhesive for installation of small to medium format ceramic and vitrified wall and floor tiles in interior areas and for exterior floor tiles. Adhesive is wonderful mixture of cement, polymer and natural mineral and other aggregate. For improve performance and for exterior use fortified with Home Pride 93 Crete admix.

### APPLICATION

- ✓ Designed especially for dry areas of interior floor and wall and external floor.
- ✓ For all type of ceramic tile and vitrified.
- ✓ Over concrete and a variety of cement based substrates.
- ✓ Can be used bed thickness up to 3-12 mm.
- ✓ Recommend uses-vertical and other then vertical.
- ✓ This adhesive is suitable mainly for tile with apparent porosity less than 3 %.

### ADVANTAGE/FEATURE

- ✓ Ideal for fixing ceramic and vitrified tile on floor and wall.
- ✓ Certified IS 15477:2019 – TYPE 2 Adhesive.
- ✓ Meet complies EN/ISO with C2T classification.
- ✓ Meet complies ANSI A118.1 T.
- ✓ Single component, just add water.
- ✓ Can be carried out by an ordinary labour, It is easy to apply.
- ✓ After addition of Home Pride 93 Crete admixture it can be use of external walls tiling.
- ✓ It is a fantastic product in single packing with unique features and advantages.

SUITABLE TILE TYPE	SUITABLE SUBSTRATES
<ul style="list-style-type: none"> <li>✓ Ceramic tile.</li> <li>✓ Vitrified tile.</li> <li>✓ Stone quarry.</li> <li>✓ Glass mosaic tile.</li> <li>✓ Tile dimension more than 300 mm * 300 mm.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Concrete, Cement plaster.</li> <li>✓ Brick masonry.</li> <li>✓ Cement mortar bed, Cement terrazzo.</li> <li>✓ Existing floor of ceramic &amp; vitrified tile &amp; natural stones.</li> </ul>

STANDARD COMPLIANCE & CERTIFICATION	
 <b>IS 15477:2019 Type :2 TS1</b>	HOME PRIDE 1001 TILE ADHESIVE is ISI Certified and categorized Type 2 TS1 as per IS 15477:2019 ADHESIVE FOR USE WITH CERAMIC, MOSAIC AND STONE TILES – specification.
 <b>EN:12004 &amp; ISO: 13007 –C2T</b>	HOME PRIDE 1001 TILE ADHESIVE conforms to C2T as per - A cementitious ( C )improved performance (2) Slip resistant (T) Tile Adhesive as per EN:12004 & ISO: 13007 –C2T.
 <b>ANSI: A 118.1 -T</b>	HOME PRIDE 1001 TILE ADHESIVE conforms to ANSI: A 118.1 –T.

TECHNICAL DATA	
Product Identification	
Consistency	Free flowing powder
Density (g/cm <sup>3</sup> )	1.79
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)	<1.17 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

**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.

**Technical Specification of Application Standard**

**Performance Property:** Home Pride 1001 Tile Adhesive mixed with water and admixture.

**Application Standards:** Approved IS 15477:2019 & Meet ANSI A 118:1, EN 12004 & ISO 13007.

IS 15477 : 2019 TYPE -2		
TEST METHOD	REQUIREMENT	TYPICAL VALUES
<b>TENSILE ADHESIVE STRENGTH</b>		
Dry Condition (28 days) Annex A (Clause 5.1)	1 N/mm <sup>2</sup>	1.05 – 1.1 N/mm <sup>2</sup>
Wet Condition ( 7 STD days 21 WET) Annex A (Clause 5.1)	1 N/mm <sup>2</sup>	1.01 - 1.04 N/mm <sup>2</sup>
<b>SHEAR ADHESIVE STRENGTH</b>		
Dry Condition (28 days) Annex B (Clause 5.2)	1.25 N/mm <sup>2</sup>	1.27 – 1.29 N/ mm <sup>2</sup>
Heat Ageing Condition (14 STD 14 days oven) Annex B (Clause 5.2)	1 N/mm <sup>2</sup>	1.01 - 1.05 N/mm <sup>2</sup>
Wet Condition (7 STD days 21 WET) Annex B (Clause 5.2)	1 N/mm <sup>2</sup>	1.01 - 1.04 N/mm <sup>2</sup>
<b>OPEN TIME</b>		
Open Time Annex C (Clause 5.3)	> 10 Min	15 Min
<b>ADJUSTMENT TIME</b>		
Ad. Time Annex D (Clause 5.4)	> 10 Min	15 Min
<b>SLIP TEST</b>		
Slip Test Annex E (Clause 5.5)	< 0.5 mm	0.2 mm - 0.21 mm
<b>DEFORMABILITY</b>		
Deformability Annex F (Clause 5.6) S1	>2.5 mm , < 5.0 mm	3 mm – 3.2 mm

\*All the tests carried out at standard atmospheric condition.

ANSI Data		
Property: Test method	Requirement	Typical Values
OPEN TIME ANSI A118.4 Clause- 5.3	>75psi (0.50Mpa)	95psi – 118 psi (0.65 -0.81 Mpa)
Sag: ANSI A118.4 Clause 6.0	≤0.02 Inches (0.50 mm)	0.008 – 0.012 Inches (0.20 – 0.30 mm)
<b>Glazed wall tile shear strength</b>		
7 Days : ANSI A118.4 – Clause 7.1.2	>200psi (1.38Mpa)	227 – 275 Psi (1.56 Mpa – 1.89 Mpa)
7 Day water immersion : ANSI A118.4 - Clause 7.1.3	>150psi (1.03Mpa)	208 – 258 psi (1.43 Mpa – 1.77 Mpa)
<b>Porcelain Mosaic Tile Shear Strength</b>		
1 Days: ANSI A 118.4 – Clause 7.2.2	>50 psi (0.34Mpa)	75 – 107 psi (0.51 – 0.73 Mpa)
7 Days: ANSI A 118.4 – Clause 7.2.3	>150 psi (1.03Mpa)	175 – 230 psi (1.20– 2.58 Mpa)
7 Days: water immersion ANSI A 118.4 – Clause 7.2.4	>100psi (0.69Mpa)	125 – 208 psi (0.86– 1.43 Mpa)
28 Days: ANSI A 118.4 – Clause 7.2.5	>150psi (1.03Mpa)	180 – 258 psi (1.24– 1.77 Mpa)
12 Weeks: ANSI A 118.4 – Clause 7.2.6	>150psi (1.03Mpa)	200 – 252 psi (1.37 – 1.73 Mpa)

**EN 12004/ISO 13007 Data (C2T)**

Test		Test method	Requirement	Typical values
Tensile Adhesion Strength	Initial after 28 days	EN 1338- Clouse 8.2	$\geq 1.0$ N/mm <sup>2</sup>	1.05 – 1.14 N/mm <sup>2</sup>
	After Water Immersion	EN 1348 – Clouse 8.3	$\geq 1.0$ N/mm <sup>2</sup>	1.04 – 1.10 N/mm <sup>2</sup>
	After Heat Ageing	EN 1348 – Clouse 8.4	$\geq 1.0$ N/mm <sup>2</sup>	1.04 – 1.10 N/mm <sup>2</sup>
	After Freeze- Thaw Cycle	EN 1348 – Clouse 8.5	$\geq 1.0$ N/mm <sup>2</sup>	1.05 – 1.10 N/mm <sup>2</sup>
Extended Open time		EN 1348	$\geq 0.5$ N/mm <sup>2</sup>	0.51– 0.68 N/mm <sup>2</sup>
Slip resistance		EN 1348	$\leq 0.5$ mm	0.30 – 0.35 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.

**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 and 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 and 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.

**Removal of demolding wax powder on the back side of tile:-**

For easy and proper installation of the large format or thin and slim porcelain tile is the preparation of the surface and complete removal of demolding wax powder from the back side of the tile. There is a fiber mesh present on the back surface of tile. Ensure that completely removed before proceeding with the installation with Home Pride 1001.

**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 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 1001 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 15 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 applying 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 in a cool & dry place.

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

### Health Precautions

This product contains cement and 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.



### HELP DESK



#### Cooperates Office:

**Home Pride Adhesive .Pvt. Ltd**

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**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.

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

