

### Product Description :

**THIXOFLEX-PU™** is a two-components Polyurethane based adhesive, designed for permanent bonding of wide range of ceramic and vitrified tiles, large size tiles, glass mosaic, sensitive natural marbles, granite stones slabs and synthetic/engineered stone on interior & exterior walls and floor areas. **THIXOFLEX-PU™** adhesive is also suitable for superior bond strength on substrates such as plywood, glass or metal. It also provides balanced thixotropic and superior performance elasticity ensured by the use of stabilized polyurethane resin for rapid and secure laying operations on high deformable and high-expansion substrates

**FOR BETTER APPLICATION  
USE A NOTCH TROWEL OF  
APPROPRIATE NOTCH SIZE**

### Application :

**THIXOFLEX-PU™** is specially design for Interior & Exterior floor and walls installations with high bonding strength on multiple surfaces

### Advantage :

**THIXOFLEX-PU™** adhesive specially design for requiring high elasticity, adhesion and for stability with thermal shock with UV resistance

### Suitable Substrate :

- Ceramic tiles
- Glass mosaic & glass tiles
- Large size tiles
- Humidity sensitive natural stones & marble
- Wood, plywood and its derivatives
- All non absorbent substrates
- Natural stone on non-porous surfaces such glass or metal
- Metal substrates - aluminium, brass etc

### How to Apply :

- Planning your layout is essential. Choose your starting point to create a balanced visual appearance. Trowelling should be done horizontally. Spread the adhesive on to the wall, working on small areas at a time. Tiles must be fixed before the surface of the adhesive forms a skin. The tile is then adjusted to its final position with an up & down movement so that full coverage is obtained to the back of the tile
- The size of trowel should be 3 mm for floor area

- Max thickness recommended is 5 - 6 mm for large format/Application
- Add Part A and B in given proportion (4:1) and mix the material by hand or an electric stirrer to get a smooth and homogeneous mixture
- Press the tiles within 15 to 20 minutes with a shuffling movement in to the adhesive. Check regularly to ensure that the back of the tile is in full contact with the adhesive. Remove excess adhesive immediately from the joints
- The proper preparation of the surface will make the fixing easier and quicker ensuring a better finish. The surface should be flat with a tolerance of 4mm over a distance of 2 meter. It is essential that you waterproof wet areas prior to tiling
- New concrete is recommended to be 1 month old for every 25 mm thickness and completely dried prior to application
- Under normal circumstances, i.e. a temperature of 20°C and a relative humidity of 65%, the joints may be filled after minimum 24 hours

### Technical Details :

Sr.No.	Testing Parameter	Specification
1	PU - Mixing ratio	Part-A : Part-B = 4:1
2	Product Colour	Part A (Resin) - White filler paste Part B (Hardener) - base white
3	Workability	Easy mixing & self curing
4	Application	Easy notching
5	Open time @ 23-27°C	≥ 1 hours
6	Pot life	1 hour
7	Setting time	24 hours
8	Trafficable time	24 hour
9	Grouting	12 hrs on walls/24 hrs on flooring
10	Interval before normal use	72 hours
11	Slip	No sag
12	Temp. range for application from	+10° C to 45° C
13	Viscosity of the mixture	> 200000 cps

### Mixing Details :

Particulars	1 kg Pack	5 kg Pack
Part A - Resin	800 gm	4 kg
Part B - Hardener	200 gm	1 kg

### Coverage :

- 2 - 2.5 kg/m<sup>2</sup>

### Storage :

- Store in a cool & dry place. Protect from direct sunlight.

### Colour :

- White

### Packing Detail :

- Available in 1 kg & 5 kg pack

### Shelf Life :

- 12 months from the date of manufacturing in unopen condition

