



**Product Catalogue**

**2025**





**Awic®**  
we build future

# PROFLEX

## PU Adhesive

**Super Flexible 2 component Adhesive for Metal, Wood & Drywall.**  
**Confirms to class R2T | S2**



For Internal Floor, Wall & External Floor



Metal, Plywood, Drywall Boards



High Bond Strength



Highly Flexible



Low VOC

### Description

AWIC PROFLEX PU adhesive is a two component, Polyurethane based, highly flexible, high performance, multipurpose adhesive for fixing all types of tiles & stones including composites, engineered/ nano stone, metal & glass tiles on interior and exterior floor & wall. It is suitable for fixing tiles/ stones over diverse surfaces like cement-based substrate, metal substrates, epoxy/ PU based substrate, drywall boards, Rubber, PVC, plywood, wood derivative and highly deformable & expandable, absorbent & non-absorbent substrates.

### AREA OF USE

#### Material to be Fixed

All types tiles, glass mosaic tiles, large format tiles, precast terrazzo, all-natural stones, large thin/ slim tiles, composites/ artificial/ nano/ engineered stone, metal & glass tiles

#### On Surface/Substrate

Cement-based surfaces (screeds, plaster, concrete), metal surfaces (iron, steel, copper, aluminium etc.), Epoxy/ PU based substrate, drywall surfaces (like gypsum/ bison/ fibre / cement board) existing tiles & stones, plywood, mdf & wood derivative, rubber, PVC, glass etc

#### Area of Application

Floor and walls, internal & external area, window/ door frame, vibrational area, kitchens, balconies, flat roofs, domes, terraces, domestic applications, commercial applications, industrial application.

### Technical Information

#### Application Properties

Test	Result
Mixed Material Appearance	Off White Paste Consistency
Pot life (in shade)	120 minutes approx
Open time	60 minutes approx
Adjusting time	60 minutes approx
Setting/ Trafficable/ Grouting Time	24 hours

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions

#### CERTIFIED STANDARD

Testing Property	Test Results
Initial shear adhesion strength	$\geq 5.0 \text{ N/mm}^2$
Shear adhesion strength after water immersion	$\geq 5.0 \text{ N/mm}^2$
Shear adhesion strength after thermal shock	$\geq 5.0 \text{ N/mm}^2$
Tensile adhesion - Open time (at 60 minutes)	$\geq 1.5 \text{ N/mm}^2$
Deformability (S2)	$\geq 30 \text{ mm}$
Slip Resistance (T)	0.3 - 0.5 mm

### Coverage

Approx. 4-5 sq. ft/ 1 kg - 1.5 mm bed thickness (using 3 mm x 3 mm notch).

### Self Life

12 months for sealed pack when stored under cover, out of direct sunlight, damp proof condition and protect from extremes of temperature.



Morbi, Gujarat-363642.

Mail us on : [awicind@gmail.com](mailto:awicind@gmail.com)

Follow us :    

MADE IN INDIA

