

5TS2



Packing : 4 Kg



F-55

PU ADHESIVE

Ideal for fixing any Indoor and outdoor, bonding of wall and floor ceramic tiles, vitrified tiles, porcelain tiles, stone material mosaics, etc. on, screeds, renders, concrete, asphalt, wood, metal, PVC, reinforced polyester, fiber-cement, gypsum.

Features & Benefits

STRENGTH

Excellent tensile & Shear Adhesion Strength

WORKABILITY

Good coverage saves considerable time & labour.

DURABILITY

Polyurethane base formulation gives excellent durability

AREAS

Can be apply on most of surfaces

CURING

Self curing product.

DESCRIPTION :

F-55 is a epoxy / PU Resin base adhesive for wall & floor tiling for most of surface

SURFACE PREPARATION :

All surface must be sound & thoroughly cleaned to remove all loose particles, traces of oil, grease & high points before application.

GUIDE LINE FOR USAGE :

- Step-1: Add Part B into Part A and mix well until a uniform paste is obtained.
- Step-2: It is recommended to use a low speed electric stirrer to ensure perfect mixing.
- Step-3: Avoid overheating the mix, resulting reduce the working time.
- Step-4: Use the mix within 30-40 minutes of mixing.
- Step-5: A uniform layer of PU Adhesive with a notched trowel.
- Step-6: Choose a trowel that will give coverage to the back of the tiles.
- Step-7: The tile backs must be completely covered with adhesive.

HEALTH & SAFETY PRECAUTIONS:

- Wear suitable protective clothing, gloves, goggles, nose mask during application.
- In case of contact with skin & eyes, rinse immediately with plenty of clean water & seek medical advice.
- Keep out of reach of children.

TECHNICAL INFORMATION

IS : 15477 : 2019 (TYPE-5TS1 / R2T)

Sr.	Testing Properties	Requirement	Test Result
1	Tensile adhesion at dry condition	$\geq 2.0 \text{ N/mm}^2$	2.2-2.8 N/mm ²
2	Shear adhesion at dry condition	$\geq 6.0 \text{ N/mm}^2$	6.3-6.9 N/mm ²
3	Shear adhesion Heat ageing	$\geq 3.0 \text{ N/mm}^2$	3.2-3.6 N/mm ²
4	Slip resistance (T)	$\leq 0.50 \text{ mm}$	0.20-0.30mm
5	Open time	—	> 40 min
6	Adjustment time	—	> 40 min
7	Mixing ratio (Part-A : Part-B) by weight	—	04:01
8	setting / trafficable time	—	24 Hours
9	Deformability-S2	$\geq 5 \text{ mm}$	> 5.0 mm

Note : Test results are indicative as per testing method specified in standard. Test results may vary as per substrate, site condition & testing machine etc. Actual field performance will depend on installation methods and site conditions.



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