



CAPALAND

TILE ADHESIVE FOR FIXING HIGH WATER ABSORPTION TILES.

- Self-cure polymers
- High pot life
- Economical
- High adhesion bond

REV_03/26

CAPALAND



DESCRIPTION

CAPALAND is a polymer modified cement-based adhesive, classified as Type-1 'T' as per IS 15477. Highly thixotropic, high bond strength. The active ingredients in Capaland give the product special rheological characteristics, ensures perfect tile application and reduce slip as a result of the copolymers incorporated in the mixture.

SURFACES

- Cement based plasters and screeds
- Cement based structure like Precast concrete, RCC, or PCC
- Surfaces with IC Preciplast, IC Preciscreed, IC Precifloor SL

FINISHING MATERIALS

- Ceramic tiles
- Terracota
- Red clay bricks
- Ceramic mosaics

APPLICATION AREAS

- Internal use
- For dry areas
- Residential and commercial applications

PACK

20 Kg with moisture proof lining

WATER DOSAGE

Grey: 3.8 - 4.2 L per pack
White: 3.8 - 4.2 L per pack

SHELF LIFE

12+ months DPS

COLOUR

Grey and white

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APPLICATION STEPS



Thoroughly clean the surface by mechanical scarification with ensuring no dirt, dust and free from adhesion de-promoters like oil, grease etc.



Damp the surface with water to SSD condition (Saturated surface dry condition).



Pour water into the bucket.



Add **CAPALAND** in bucket containing water.



Mix with mechanically operated mixer.



Spread the mixture on surface area using suitable notched trowel with forming series of even ribs in single direction with high accuracy in levels.



Apply sufficient layer of adhesive directly over rear surface finishing materials like tile/stone/marble.



Fix and press the finishing material over freshly applied adhesive on surface.



Tamp with rubber mallet from centre towards outward.



Wait 24 hrs after fixing to start grouting.

RECOMMENDATIONS

- Submerged the tile under water for 2 hrs before ceramic tile fixing.
- Check frequently quality of application by lifting one/two of installed materials and ensure full dispersion.
- Advised to create Perimeter joint at all end connections, Control joints at each 10 Sqm interval and expansion joints at each 50 Sqm interval. Fill these joints with flexible sealants.
- Provide spacers of size minimum 2 mm for indoor, 3 mm for outdoor applications, 5 mm for large formats considering higher movements. Fill these joints with **Aplicacer Colour Epoxy 3.0**

DO NOT USE

- Addition of other ingredients which may alter final performance of the product.
- Fixing on metal, wood, glass, plastic etc.
- External moisture curing

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WORKABILITY PERFORMANCE

Recommended thickness (mm)	From 3 to 15 using notched trowel method
Coverage (Kg/sq.m/mm)	1.2
Temperature of surface and materials (°C)	From -5 to +40°C
Pot life (Hrs)	> 5
Open time (min)	> 20
Adjustability time (min)	> 25
Maturity time (min)	5
Grout application in joints	24 hrs for wall and 72 hrs for floor
Foot traffic	Light foot traffic > 24 hrs Heavy foot traffic > 3 days Swimming pool > 14 days

at 27±2°C temperature and 65±5% humidity

TECHNICAL PERFORMANCE

IS 15477 - 2019	Requirements of Type 1	Results	Classification
Tensile adhesion in dry condition (Mpa)	0.5	≥ 0.8	Type 1T
Tensile adhesion in wet condition (Mpa)	-	NA	
Shear adhesion in dry condition (Mpa)	1	≥ 1	
Shear adhesion in wet condition (Mpa)	-	NA	
Shear adhesion in heat ageing (Mpa)	-	NA	
Deformability (mm)	-	NA	

at 27±2°C temperature and 65±5% humidity

EN 12004 - 2017	Requirements of Class C1	Results	Classification
Tensile adhesion strength (Mpa) - Open time	≥ 0.5	≥ 0.8	Class C1 T
Slip Resistance (mm)	≥ 0.5	≥ 0.4 - 0.45	
Tensile adhesion strength after water immersion (Mpa)	≥ 0.5	≥ 0.65	
Tensile adhesion strength after heat ageing (Mpa)	≥ 0.5	≥ 0.6	
Tensile adhesion strength after freeze thaw cycles (Mpa)	≥ 0.5	≥ 0.6	

at 23±2°C temperature, 50±5% relative humidity and speed of the air < 0.2 m/s

Disclaimer: While our tile adhesive is formulated to adhere to industry standards and recommended application methods, we cannot be held responsible for any misuse, improper application, or deviation from our provided guidelines. It is essential to follow the prescribed instructions and use the product within its intended purpose for optimal results. Any alternative use or application outside our guidelines is done at the user's own risk.

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