

NEROLAC PERMA SUPER 2K



Nerolac Perma Super 2K is a high performance two component cementitious acrylic waterproof and protective coating. It can be used for both negative and positive side waterproofing. Nerolac Perma Super 2K is ideal for waterproofing of bathroom, swimming pool, retaining wall, water tank and sump. It can also be used to treat mild dampness and efflorescence in walls.

Product Benefits

 Flexible coating 50% film elongation 1mm film thickness Strong adhesion Waterproofing

Application Areas

- Walls
- Concrete roof and podium slabs
- Basement retaining wall
- Toilet & Bathroom sunk
- Concrete water tank

Mixing



Mix the entire quantity of both liquid and powder

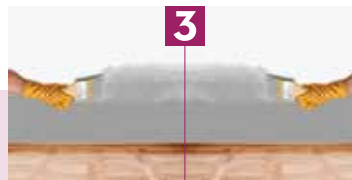
Application Method



1
Surface to be treated must be thoroughly cleaned and all loose material must be removed minimum 1sft extra area roundly from treated surface.



2
Surface should be in pre-wetted condition



3
Apply as per suggested dosage in 2 coats, a gap of 4h-6h to be kept in between each coat



4
If Nerolac Perma Super 2K is applied on a vertical surface, sprinkle clean fine sand while the second coat is still wet, for better adhesion of subsequent treatment

Action

When the two components i.e. liquid and polymer modified cementitious powder is mixed, smooth homogeneous slurry is obtained. This slurry when brush applied on the surface to be treated forms a flexible film which has very strong adhesion to the applied surface. The film is totally waterproof and resistant to chemicals and pollution attacks.

PROPERTIES	SPECIFICATION	RESULTS
Mixing ratio (Powder: Liquid), parts by weight		2 : 1
Pot life of the mix @ 30° C		40 min
Surface dry time	ASTM D 1640	30 min
Recoat-ability time		4 - 6 hrs
Curing time after 2 nd coat		72 hrs
Elongation at break for 1 mm DFT	ASTM D 412	50%
Pull off adhesion strength	ASTM D 4541	1 Mpa
Positive hydrostatic pressure	DIN 1048	5 Bars
Negative hydrostatic pressure	ASTM D 7088	4 Bars
Crack bridging ability	AS/NZS 4548.5	1 mm
Reduction in rapid chloride penetration	ASTM C 1202	< 100

Coverage

- 6 - 7 sft/kg in 2 coats

Pack Size

3 kg and 15 kg.

Precautions

- Do not add water for dilution
- Do not flood the treated surface with water till the time Nerolac Perma Super 2K is completed cured for at least 72h
- Cover the treated surface with a protective screed to avoid damage to the waterproof coating

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