

NEROLAC PERMA

SUPER 2K सुपर 2के

Nerolac Perma Super 2K is a two component acrylic polymer modified cementitious coating. Nerolac Perma Super 2K can be used for both positive and negative side waterproofing because of its high adhesion to masonry substrates, excellent waterproofing and resistance to hydrostatic pressure.



PRODUCT FEATURES



100% film elongation



Resist up to 5 bars hydrostatic pressure



Forms seamless flexible coating



Strong adhesion on masonry and brick walls



CFTRI certified



Anti-carbonation

APPLICATION AREAS

- Masonry surfaces like brick wall and concrete wall which are subjected to damage like dampness and efflorescence.
- Waterproofing of sunken areas like bathrooms, toilets and balconies.
- Terrace and roof waterproofing.
- Podium, basement and basement retaining wall.
- Concrete water tanks.
- Swimming pools.
- Interior and exterior walls affected from dampness and efflorescence.

COVERAGE

0.6 - 0.7 m²/Kg in two coats.

DIRECTIONS FOR USE

STEP 1



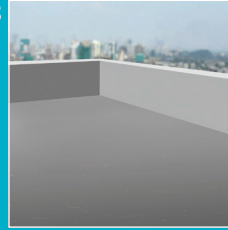
Clean the area to remove all loose particles, oil, grease and any such deleterious products. Masonry surfaces should be fully cured prior to the application. In case of efflorescence, the cement plaster should be removed from the affected areas up till the brick level.

STEP 2



Surface cracks up to 10 mm or less should be opened, cleaned and filled with Nerolac Perma Crack Filler. Bigger cracks, damaged portions and hollow areas must be repaired with polymer-modified cement mortars made with Nerolac Perma Waterproof Polymer.

STEP 3



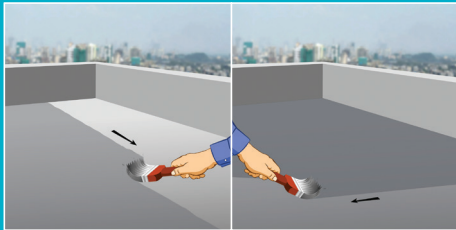
Prior to application, the surface must be in a Saturated Surface Dry (SSD) condition.

STEP 4



Mix the powder and the liquid ingredients of the product thoroughly to form a smooth homogeneous slurry. Avoid part-mixing the ingredients of the packaging.

STEP 5



Apply Nerolac Perma Super 2K slurry on the surface to be treated by a brush in 2 coats, while maintaining a gap of 4-6 hours in between each coat.

STEP 6



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

STEP 7



After curing of the Nerolac Perma Super 2K, immediately cover the treated surface with cement sand 1:4 plaster or screed the concrete and cure normally.

TECHNICAL INFORMATION

PROPERTIES	SPECIFICATION	RESULTS
Mixing ratio (Powder : Liquid), parts by weight		2 : 1
Pot life of the mix @ 30°C		40 min
Surface drying time	ASTM D 1640	30 min
Recoatibility time		4 - 6 hrs
Curing time after the 2 nd coat		3-5 days
Elongation at break for 1 mm DFT	ASTM D 412	100%
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

PRECAUTIONS

- Do not add water for dilution.
- Do not flood the treated surface with water till the time Nerolac Perma Super 2K is completely cured for at least 72 hours.
- Cover the treated surface with protective screed/plaster within 24-48 hours of application.
- In case of fresh masonry/concrete substrate, the surface must be cured for 28 days before application.
- Ponding test on horizontal surface to be carried out after 7 days of application (cover the applied area till date to protect from UV rays which can cause cracking)

DOSAGE

Mix the entire quantity of both liquid and powder.

PACKAGING

Nerolac Perma Super 2K is available in 3 Kg and 15 Kg packs.

SHELF LIFE

Best before 12 months from the date of manufacture, when kept in a sealed pack and stored under proper conditions.

STORAGE

To be stored in a well-ventilated, shaded area; away from direct sunlight and water.

EHS INFORMATION

Avoid inhalation, eye and skin contact. In case of contact, wash with water and seek medical attention.

DISCLAIMER

KANSAI NEROLAC PAINTS LTD. (KNPL) warrants that all products are free from any defects of manufacturing and comply with the specification given in their respective technical data sheet. No warranty can be given as to the results of the usage because conditions of use, such as site conditions, surface preparations, workmanship, weather, structural issues and other factors are beyond the control of NEROLAC. Purchaser agrees to seek the advice of qualified professionals to carry-out tests and take trials to determine the suitability of products for their intended purpose prior to full-scale usage of **KNPL** products and assumes all risks.

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