

# NEROLAC PERMA

**WATERPROOF LATEX**  
वॉटरप्रूफ़ लेटेक्स



Nerolac Perma Waterproof Latex is based on modified styrene butadiene latex used for applications in waterproofing and repairs. It is used for repairs of spalled concrete such as – floors, columns, beams, chhajjas, slabs & waterproofing of toilets, bathrooms & terraces. It bonds strongly to old & new concrete & plaster.

## Product Benefits



Economical waterproofing



Strong bonding to concrete and plaster



Prevents cracks in repaired surface and corrosion of steel bars



Repairs are durable



Makes mortar resilient

## Application Areas

- Waterproofing of terraces and bathrooms
- For bonding of old to new concrete and plaster
- General repair of edges of columns, beams, chhajjas and terrace
- For bonding tile on tile

## Primary Uses

- **As a bond coat:** Plaster to plaster, concrete-to-concrete, plaster to concrete masonry to stone work and for plastering over brick masonry. Bonding coat & mortar for tiles & panels, underlay's for special finishes such as top rendering coat for chemical resistant floors
- **As waterproofing:** Waterproofing of small roof terraces, sunken portions of toilet & bathroom, chhajja, balcony & staircase
- **As crack repair:** Repairs of plaster cracks more than 10 mm & in gaps developed between masonry and RCC members
- **As rebar coating:** Coating for prevention of corrosion over rebars
- **For cladding:** Fixing or refixing of slip bricks, tiles, stones & marble bedding
- **As external rendering:** Weatherproof & frost resistant render, high wear & erosion resistant render. As bonding slurry coat for pinhole treatment on concrete surface & as repair mortar for overhead applications

## Mixing

- **For waterproofing:** Mix Nerolac Perma Waterproof Latex : Water : Cement in ratio of 1:4:7 by volume
- **As bond coat:** Mix Nerolac Perma Waterproof Latex : Water : Cement in ratio of 1:4:7 by volume
- **As repair mortar and concrete:** Mix 10% of Nerolac Perma Waterproof Latex by weight of cement
- **For bonding tile on tile/stone surface:** Mix Nerolac Perma Waterproof Latex : Water : Cement in ratio of 1:4:7 by volume

## Coverage

- **Waterproof coating:** 5.5-6.5 m<sup>2</sup>/ltr in 2 coats
- **Bond coat & bonding tile on tile:** 12-13 m<sup>2</sup>/ltr per coat
- **Repair mortar:** 5 ltr per 5 kg of cement bag

## Application Method

### 1. Surface preparation

- Clean the surface with wire brush or scrubber to remove hidden dirt, loose particles, laitance, & dust. Degrease the surface by using suitable solvents
- Repair the concrete spalled portion by saw cutting the extreme edges of the repair location to a depth of at least 10 mm without reducing the thickness & to provide strong substrate
- Clean the concrete surface to remove any contamination where breaking is not possible
- Expose corroded rebars in the repairing area fully. Remove all loose scales & corrosion deposits & immediately clean the surface

### 2. Recommended Applications

- **For waterproofing:** Apply as per suggested dosage in 2 coats, a gap of 1 hr-2 hrs to be kept in between each coat depending upon the ambient temperature
- **As bond coat:** Apply only single coat on surface to be repaired as per suggested mixing. For good adhesion, apply repair mortar/concrete when the bond coat is tacky
- **As repair mortar/concrete:** Make this as per suggested mixing and apply after using bond coat
- **For bonding tile on tile/stone surface:** Apply bond coat as per suggested dosage on floor as well as back of tiles/stone and fix them with sand cement mortar or any tile adhesive when bond coat is still tacky

## Technical Information

PROPERTIES	RESULTS
Appearance	Free flowing liquid
Colour	Milky white
Specific gravity @ 30°C, g/cc	1.02 ± 0.05
% Solids	43–45 %
pH	7–9
Chemical resistance	Resist mild acids and alkalis
Bonding strength, N/mm <sup>2</sup>	3

### Precautions

Do not pour the leftovers in the drain.  
Refer Product Data Sheet & MSDS for usage

### Shelf Life

Best before 24 months from the date of manufacture when kept in sealed pack and stored under proper conditions

### Packing

Nerolac Perma Waterproof Latex is available in 200 ml, 500 ml, 1 ltr, 5 ltr and 20 ltr drums

### Storage

Keep in cool & dry place, out of reach of children

### DISCLAIMER

**KANSAI NEROLAC PAINTS Ltd. ( KNPL )** warrants that all products are free from any defects of manufactured and comply with the specification given in their respective technical data sheet. No warranty can be given as to the results of use 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.

The company does not assume any liability for unsatisfactory results, arising from the use of our products. Purchaser's sole liability is limited to replacement of product or refund of the purchase price paid if any product proven defective. No other warranties express or implied, shall apply including any warranty of merchantability or fitness for particular purpose.

**KNPL** shall not be liable for any consequential damages arising from the use of our products for unsatisfactory results.

The information supplied in this data sheet is based on our experience through extensive research and is given in good faith in order to help prospective users. We reserve the right to update the information provided in our technical data sheet at any time without prior notice within the scope of technical progress or new developments.