

# NEROLAC PERMA

**WATERPROOF POLYMER**  
वाटरप्रूफ पॉलिमर



Nerolac Perma Waterproof Polymer is based on modified styrene butadiene rubber used for repairs of spalled concrete such as – floors, columns, beams, chhajjas, slabs & waterproofing of toilets, bathrooms & terraces.

## 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 & bathrooms, chhajjas & lift pits, balconies & stair cases
- **For concrete repairs:** Spalled concrete of floors, columns, beams, chhajjas, slabs, parapets etc.
- **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:** Bonding slurry coat for pinhole treatment on concrete surface & as repair mortar for overhead applications

## Mixing



For waterproofing: Mix Nerolac Perma Waterproof Polymer with cement in ratio of 1:1.5 by volume



As bond coat: Mix Nerolac Perma Waterproof Polymer with cement in 1:1 ratio by volume



As repair mortar and concrete: Mix 10% of Nerolac Perma Waterproof Polymer by weight of cement



For bonding tile on tile/stone surface: Nerolac Perma Waterproof Polymer to be mixed with cement in 1:1 ratio by volume

## Coverage

- **Waterproof coating:** 2-2.5 m<sup>2</sup>/ltr in 2 coats
- **Repair Mortar:** 5 ltr per 50kg of cement bag
- **Bond Coat & Bonding tile on tile:** 4-4.5 m<sup>2</sup>/ltr per coat

## 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



For priming of concrete substrate, the surface should be thoroughly saturated with potable water. Remove any excess of water prior to application

### 2. Recommended Applications



**For waterproofing:** Apply as per suggested dosage in 2 coats, a gap of 1h-2h 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
Non volatile matter, %	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 Polymer is available in 200 ml, 500 ml, 1 L, 5 L and 20 L drums

## Storage

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

## EHS Information

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

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