

NEROLAC PERMA WATERPROOF POLYMER



Nerolac Perma Waterproof Polymer is based on modified styrene butadiene latex supplied as ready to use bonding agent in liquid form. 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. It reduces shrinkage, prevents cracking, dust pick up and improves abrasion resistance.

Product Benefits



Economical waterproofing



Strong bonding to concrete and plaster



Prevents cracks in repaired surface and corrosion of steel bars



Repairs are durable

Application Areas

- Waterproofing of terraces and bathrooms
- For bonding of old to new concrete and plaster
- Increasing the waterproofing activity of exterior/interior in primer base coat
- General repair of edges of columns, beams, chhajjas and terrace
- For bonding tile on tile

Primary Uses

- **As a bond coat:** 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 & store cases. Waterproofing of liquid & effluent tanks, car deck and walk ways
- **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
- **Increasing the activity of primer/base coat:** Mixing with primer - cementitious putty on the interior touch up, repair plaster for new/old surface/exterior undercoat/base coat

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: 22-27 sft/ltr/2 coat
- Repair Mortar: 5 ltr per 50 kg of cement bag
- Bond Coat & Bonding tile on tile: 45-50 sft/ltr

Application Method

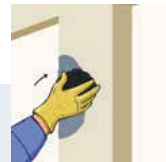
1. Surface preparation



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 ²	3

Precautions

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

Pack Size

1 Ltr and 5 Ltr.

Storage

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

Shelf Life

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

EHS Information

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

DISCLAIMER

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