

# NEROLAC

## PERMA

### DAMP PROTECT EXTERIOR

Nerolac Perma Damp Protect Exterior is a waterproofing coating for exterior horizontal surfaces like terraces, chajjas and is also a waterproofing base coat for Nerolac Paints exterior emulsion coatings for vertical walls.



#### PRODUCT BENEFITS



Waterproofing warranty of 3 years



Elongation up to 150%



Crack-bridging ability up to 1 mm



Self-priming

#### APPLICATION AREAS

- Terraces and exterior surfaces like concrete roofs with slopes and flat surfaces, chajjas, vertical walls.

#### MIXING

##### For primer coat (Self-priming)

- **Vertical walls** - Dilute Nerolac Damp Protect Exterior 10% by volume (Eg: Add 100 ml water to 1 ltr Nerolac Perma Damp Protect Exterior).
- **Horizontal areas/terraces** - Nerolac Perma Damp Protect Exterior to be diluted with water in 3:1 ratio by volume.
- **For waterproof coating** - Direct application, no mixing required.

#### COVERAGE

##### For terrace (Horizontal surfaces)

- **Primer coat** - Forced coverage of 5.06 - 6 sqm/ltr.
- **Waterproof coating** - Forced coverage of 3.4 sqm/ltr/coat.

##### For vertical walls

- **Primer coat** - Forced coverage of 8.28 - 9 sqm/ltr.
- **Waterproof coating** - Forced coverage of 4.24 sqm/ltr/coat.

## DIRECTIONS FOR USE

- **Plastering:** New masonry surfaces must be allowed to cure completely. It is recommended to allow 28 days as the curing time for the masonry surfaces.
- **Surface preparation:** Prepare the surface by cleaning it with a high-pressure water jet/wire brush and ensure that it is free from dust, oil, grease and loose particles. Check the substrate for its soundness and damaged portions.
- All hollow areas must be repaired with a polymer modified cement-sand mortar.
- Cracks up to 10 mm should be filled with Nerolac Perma Crack Filler.
- **Application on vertical walls/surfaces:** Apply one self-priming coat of Nerolac Perma Damp Protect Exterior (10% by volume/100 ml water to 1 ltr of Nerolac Perma Damp Protect Exterior) on the surface with the help of a brush or roller at 8.28 sqm/ltr consumption.
- Allow it to dry for a minimum of 4 hours followed by one undiluted coat of Nerolac Perma Damp Protect Exterior at 4.24 sqm/ltr/coat.
- Top coat this treatment with two coats of any Nerolac Paints Exterior Emulsion Paint as per the recommended application procedure.
- **Application on terraces/horizontal surfaces:** Apply one self-priming coat of Nerolac Perma Damp Protect Exterior (diluted with water in 3:1 ratio by volume) at 5.06 sqm/ltr consumption.
- Allow it to dry for at least 3 - 4 hours. Apply two coats without any dilution at 3.4 sqm/ltr consumption for each coat.
- Ensure that the product is applied on the entire roof including the parapet wall to form a continuous blanket.

## TECHNICAL INFORMATION

PROPERTIES	SPECIFICATION	RESULT
Appearance		Milky white liquid
Specific gravity @ 30°C, g/cc		1.30 ± 0.2
Tensile strength, N/mm <sup>2</sup>	ASTM D 412 : 2002	1.50
Elongation at break, %	ASTM D 412 : 2002	150
Adhesion strength, N/mm <sup>2</sup>	ASTM D 4541: 2002	1.25
Crack-bridging ability, mm	AS/NZ 4548.5:1999	0.5
Water permeability (depth of penetration at 5 Bar pressure)	DIN 1048	Pass

## PRECAUTIONS AND RECOMMENDATIONS

- For best performance on terraces, ensure that the product is applied on the entire roof including the parapet wall.
- Do not apply during rains or extreme temperatures.
- Avoid excessive surface abuse which could lead to puncturing of the film.
- Do not over dilute.
- For vertical surfaces, after applying Nerolac Perma Damp Protect Exterior, the painting must be done with Nerolac exterior emulsion paint.

## PACKAGING

Nerolac Perma Damp Protect Exterior is available in 1 Ltr, 4Ltr, 10 Ltr and 20 Ltr packs.

## SHELF LIFE

Best before 24 months from the date of manufacturing, when kept in sealed packs and stored under proper conditions.

## STORAGE

Keep it in a cool and dry place.

## EHS INFORMATION

Keep out of reach of children. Avoid inhalation, eye/skin contact. In case of contact, wash with water and seek medical attention. Dispose off after natural drying.

Lead content does not exceed 90 parts per million. Low VOC and No added Lead when packed. For VOC content details, refer to the PDS/www.nerolac.com

### 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 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 the replacement of the product or refund of the purchase price paid, if any product is proven defective. No other warranties express or implied, shall apply including any warranty of merchantability or fitness for any particular purpose.

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