

# NEROLAC PERMA NODAMP



Nerolac Perma NoDamp is a high strength fiber reinforced elastomeric liquid applied waterproofing coating. It is formulated with elastomeric and resilient acrylic polymers and reinforcing polyester fibers. Upon curing, it forms a thick, seamless, durable membrane thus offering ultimate waterproofing which can over coated with premium quality Exterior emulsion paint.

## Product Benefits



Up to 8°C\* of surface temperature reduction



Fiber reinforced



Up to 700%\* film elongation



Crack bridging up to 4mm\*



Anti Algae



Up to 8 years of waterproofing

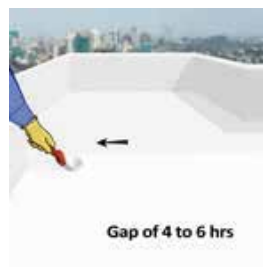
## Application Areas

Terrace and exterior surfaces like concrete roof with slope & flat surface, chajjas, vertical walls

## Mixing



**For primer coat (self priming):**  
Dilute Nerolac Perma NoDamp with 30% water



**For waterproof coating:** Direct application, no mixing required

## Coverage

### a) For terrace (horizontal surfaces):

- **Primer coat:** Forced coverage of 60-65 sft/ltr/coat (Aproximate thickness 75 micron)
- **Waterproof coating:** Forced coverage of 10-12 sft/ltr/coat (Aproximate thickness 400-450 micron)

### b) For new exterior surfaces (vertical surfaces):

- **Primer coat:** Forced coverage of 100-125 sft/ltr/coat (Aproximate thickness 40 micron)
- **Waterproof coating:** Forced coverage of 30-35 sft/ltr/coat (Aproximate thickness 150 micron)

### c) For repainting of exterior surfaces (Vertical surfaces):

- **Primer coat:** Not required if it is previously painted with premium quality exterior emulsion
- **Waterproof coating:** Forced coverage of 30-35 sft/ltr/coat (Aproximate thickness 150 micron)

## Application Method

### 1. Surface preparation



Surface to be treated must be thoroughly cleaned and all loose material must be removed



Small cracks upto 10mm or less should be opened, cleaned & filled with Nerolac Perma Crack filler



Bigger cracks, damaged portions & hollow areas must be repaired with Nerolac Perma Waterproof Polymer modified mortar

### 2. Recommended Waterproofing Applications

#### a) For terrace (horizontal surfaces):



Nerolac Perma NoDamp as per suggested dilution and achieve the forced coverage as mentioned and let it dry for 4-6h



**For availing 6 years waterproofing warranty:** Now apply two undiluted coats of Nerolac Perma NoDamp in 90 degrees to each other and achieve the forced coverage as mentioned. Keep a gap of 4-6h between each coat.



**For availing 8 years waterproofing warranty:** Apply third undiluted coat of Nerolac Perma NoDamp in 90 degrees to the previous coat and achieve the forced coverage as mentioned. Keep a gap of 4-6h after 2nd coat is applied.

#### b) For new exterior surface:



Apply a primer coat of Nerolac Perma NoDamp as per suggested dilution and achieve the forced coverage as mentioned and let it dry for 4-6h



**For availing 6 years waterproofing warranty:** Now apply single undiluted coat of Nerolac Perma NoDamp and achieve the forced coverage as mentioned.



**For availing 8 years waterproofing warranty:** Apply second undiluted coat of Nerolac Perma NoDamp in 90 degrees to the previous coat and achieve the forced coverage as mentioned.

#### c) For repainting of exterior surface:



**For availing 6 years waterproofing warranty:** Now apply single undiluted coat of Nerolac Perma NoDamp and achieve the forced coverage as mentioned



**For availing 8 years waterproofing warranty:** Apply second undiluted coat of Nerolac Perma NoDamp in 90 degrees to the previous coat and achieve the forced coverage as mentioned. Keep a gap of 4-6h between each coat.

## Technical Information

PROPERTIES	SPECIFICATION	RESULTS	
Application system		Primer + 2 coats	Primer + 3 coats
Appearance		Ready to use viscous liquid	Ready to use viscous liquid
Specific gravity @ 30°C, g/cc		1.25 ± 0.05 g/cc	1.25 ± 0.05 g/cc
Application temperature		5°C–35°C	5°C–35°C
Tensile strength, N/mm <sup>2</sup>	ASTM D 412:2002	1.2	1.5
Elongation at break, %	ASTM D 412:2002	700	500
Adhesion strength, N/mm <sup>2</sup>	ASTM D 4541:2002	1.5	2.2
Crack bridging ability, mm	AS/NZ 4548.5:1999	4	3.5
Water permeability (depth of penetration at 7 Bar pressure)	DIN 1048	Nil against control	Nil against control

## Precautions and Recommendations

- For best performance on terrace, ensure that the product is applied on the entire roof including parapet wall
- Heat reflect technology Reduces the surface temperature by 6-8°C (Applicable for terraces and only for white and super pastel shades)
- For reducing the surface temperature, after the final coat of Nerolac Perma NoDamp the surface should be left open to sky and not to be covered
- 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 NoDamp, exterior painting must be done

## Pack Size

0.9 Ltr, 3.6 Ltr, and 18 Ltr packs.

## DISCLAIMER

KANSAI NEROLAC PAINTS (BANGLADESH) Ltd. (KNPBL) 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 KNPBL 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.

KNPBL 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.

## Shelf Life

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

## Storage

Keep in cool & 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 contents does not exceed 90 parts per million. Low VOC and No added Lead when packed For VOC content details refer PDS/[www.nerolacbd.com](http://www.nerolacbd.com)