

# NEROLAC PERMA

## DAMP LOCK

EFFLORESCENCE AND DAMPNES  
RESISTANT WATERPROOFING SOLUTION

**Nerolac Perma Damp Lock** is one component ready to use penetrative cum film forming interior waterproofing product that provides solution to waterproofing problems like efflorescence and dampness. It is a pre putty application process. It is formulated with pure acrylic emulsion that forms breathable film which resists transport of water and salt on the surface.



### PRODUCT BENEFITS



**3 years of Waterproofing**



**Efflorescence resistance mechanism**



**High moisture resistance up to 70%**



**Resist up to 4 Bars negative hydrostatic pressure**



**Pore blocking technology**

### APPLICATION AREAS

- Masonry surface with sufficient porosity like plaster surface, interior walls and ceiling.

### COVERAGE

- Forced coverage of 3.7 - 4.2 m<sup>2</sup>/L/Coat

### DIRECTIONS FOR USE

#### 1. SURFACE PREPARATION

- Surface to be treated must be thoroughly cleaned and all loose material must be removed.
- On existing efflorescence surface, clean all the efflorescence as per market practice or by wire brushing followed by thorough water washing.
- Small cracks up to 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 /Nerolac Perma Waterproof Latex modified mortar.
- Surface should be in SSD (saturated surface dry) prior the application of Nerolac Perma Damp Lock.

## 2. APPLICATION METHOD

### a) For damaged surfaces

- Existing putty to be removed till plaster level from skirting to the affected area covering an additional one ft distance across all sides of affected area.
- Nerolac Perma Damp Lock is recommended to be applied on plaster by brush ensuring material goes inside the pores/interstices.
- Apply first coat of Nerolac Perma Damp Lock without dilution with a forced coverage of 3.7 - 4.2 m<sup>2</sup>/L from skirting to the affected area, covering an additional one ft distance across all sides of affected area. Allow it to dry for 6-8 hrs.
- Apply 2nd Coat of Nerolac Perma Damp Lock without dilution with coverage of 3.7 - 4.2 m<sup>2</sup>/L perpendicular to first coat. Allow it to dry for 6-8 hrs.
- Apply two coats of Nerolac cement wall putty or Nerolac acrylic wall putty or Nerolac perma waterproof premium putty or Nerolac perma crystal waterproof putty over Nerolac Perma Damp Lock. Allow it to dry for 6-8 hours and sand with sand paper 180. Wipe clean and paint it as per regular painting practices.

### b) For new surfaces

- Existing putty to be removed till plaster level from skirting to the affected area covering an additional one ft distance across all sides of affected area.
- Apply a single coat of Nerolac Perma Damp Lock without dilution with a forced coverage of not more than 3.7 - 4.2 m<sup>2</sup>/L. Allow it to dry for 6-8 hrs.
- Apply two coats of Nerolac cement wall putty or Nerolac acrylic wall putty or Nerolac perma waterproof premium putty or Nerolac perma crystal waterproof putty over Nerolac Perma Damp Lock. Allow it to dry for 6-8 hours and sand with sand paper 180. Wipe clean and paint it as per regular painting practices

## TECHNICAL INFORMATION

PROPERTIES	SPECIFICATION
Appearance	
Specific gravity @ 300°C, g/cc	
Application temperature	
Negative side water pressure	ASTM D 4541: 2002

## PRECAUTIONS AND RECOMMENDATIONS

1. Putty application over Nerolac Perma Damp Lock is mandatory.
2. Nerolac Perma Damp Lock is not to be used with hand-made putty or lambi putty.
3. Do not apply primer or Topcoat directly over Nerolac Perma Damp Lock as it causes de-wetting.
4. Nerolac Perma Damp Lock is not applicable where moisture percentage is more than 70% or there is a live leakage.
5. Do not apply when ambient temperature is less than 10°C or the temperature might drop to this level within 8 hours of application.
6. Do not apply when humidity is greater than 90%, it may cause pre-condensation on walls.
7. Make sure that material is thoroughly stirred before application.
8. Subsequent coats of the topcoats to be done as per manufacturer's recommendation.
9. Please refer material safety data sheet (MSDS) of Nerolac Perma Damp Lock for safety measures while handling the product.

## PACK SIZE

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

## SHELF LIFE

Available in 1L & 4L packs.

**DISCLAIMER: KANSAI NEROLAC PAINTS Ltd. (KNPL)** warrants that all products are free from any defects of manufacture 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.