

# NEROLAC PERMA CRYSTAL SEAL

## WATERPROOFING SEAL COAT WITH CRYSTALLINE TECHNOLOGY

**Nerolac Perma Crystal Seal** is premium white cement-based seal coat with crystal forming formula to resist dampness and efflorescence. It can be used for interiors and exteriors concrete/mortar surfaces to impart smooth aesthetic finish.



### PRODUCT FEATURES



Excellent resistance against rising dampness.



Excellent levelling and easy sanding.



Anti-efflorescence.



Less dusting while sanding.



Block pores and capillaries.



High coverage.



Enhance life of topcoat.



Super white.

### APPLICATION AREAS

- It is recommended for all type of concrete/mortar surfaces, plasters, asbestos sheets etc.

### COVERAGE

1.39 +/- 0.28 m<sup>2</sup>/Kg/mm in two coats.

(Coverage may vary depending on quality of substrates, undulations in substrates and skill of applicator)

## DIRECTIONS FOR USE

### 1. SURFACE PREPARATION



Remove all loose and deleterious material from the wall with the help of wire brush, putty blade or other suitable equipment. Dampen or moist the surface with water to foster smooth and easy application of Nerolac Perma Crystal Seal (It is important for dampen surface to activate crystalline technology).



Mix Nerolac Perma Crystal Seal with 35-40% clean water to make a smooth and homogeneous easy to apply paste.

### 2. RECOMMENDED APPLICATION



It is recommended to use Nerolac Speed X Putty mixer for uniform and lump free mixing.



Apply first coat of Nerolac Perma Crystal Seal on wet/moistened surface from bottom to top in upward direction with putty blade or suitable equipment. Allow the surface to dry for 4-6 Hours depending on climatic conditions..



Sand the surface with emery paper if needed to level the surface.



Pre wet the 1<sup>st</sup> coat before applying second coat.



Apply second coat of Nerolac Perma Crystal Seal. Allow it to dry thoroughly overnight before applying the primer and paint.

## TECHNICAL INFORMATION

PROPERTIES	SPECIFICATION	RESULTS
Colour	Visual	White
Appearance	Visual	Free flowing white powder
Bulk density	ASTM D 6683 - 19	1.3 – 1.5 g/cc
Ease of mixing with water	--	Easy mixing without lumps
Water : Powder ratio		35 – 40 (Weight per volume)
Pot life	BS 4551 part 1	90 – 120 minutes
Chalking	--	No

## PRECAUTIONS AND RECOMMENDATIONS

1. Do not apply without pre wetting of the surface..
2. Always prepare required quantity of Nerolac Perma Crystal Seal and use within 2-3 hours of mixing.
3. It is recommended that 1.5 – 2.00 mm thickness is achieved in two coats for better performance.
4. The pack must be tightly closed when not in use and clean the equipment immediately after use.
5. Do not apply the material to fill cracks, cracks on the surface should be filled by Nerolac Perma Crack Filler.

## PACKAGING

Nerolac Perma Waterproof Crystal Seal is available in 20 Kg and 40 kg packs.

## DOSAGE

350 to 400 ml water per 1 kg of powder

## SHELF LIFE

Best before 12 months from the date of manufacture when kept in sealed pack and stored under proper condition

## STORAGE

To be stored in well ventilated, shaded area, away from direct sunlight and moisture.

## EHS INFORMATION

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

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