



## NEROLAC SURAKSHA

Nerolac Suraksha Plastic Exterior Emulsion is an economical water thinnable coating, specially designed for application on exterior walls in dry or moderately humid climatic conditions. It is much superior to normal cement paint coating in respect of exterior durability, finish, washability and resistance to algae.

### PERFORMANCE FEATURES & BENEFITS



4 Years performance warranty



No chalking



Continuous protection



Economical water thinnable coating



Excellent adhesion

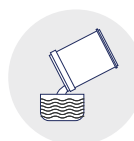


Performance much superior to cement paint

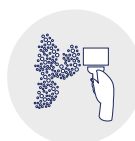


Good durability

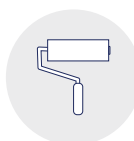
### APPLICATION



Thin paint with 700-750 ml of clean water.



Dark shades may require additional coat for hiding.



Apply 2 to 3 coats with an interval of 4-6 Hrs by brush or roller.



Apply an extra coat on horizontal surfaces and parapet tops for better protection.

### RECOMMENDED USAGE

Nerolac Suraksha Plastic Exterior Emulsion is specially designed for application on exterior walls of houses and architectural buildings situated in dry or moderately humid climatic conditions.

### TECHNICAL DATA



**GLOSS LEVELS/ SHEEN LEVELS**  
Matt



**RECOATING**  
4 - 6 h (@27°+2°C & RH 60 + 5%)



**THINNING**  
Self-Priming - Thin 100% by weight with water  
Top Coat - Thin 50% by weight with water.



**VOC IN g/L (as per IS101/2015)**  
<50 g/L



**COVERAGE\***  
4.64 - 5.57 Sq.mtrs./lit/2 coat or 50 - 60 Sq.ft./lit/2 coat when applied on normal masonry surface by brush.



**STABILITY OF THINNED-PAINT**  
Use within 24 h



**DRY FILM THICKNESS/COAT**  
25-30 - BY BRUSH,  
30-40 - BY ROLLER



**DRYING-TIME**  
Surface Dry : 30 min



**WASHABLE**  
High

\*Actual covering capacity may vary depending upon the method & condition of application, surface condition, temperature, wind velocity, application skills, surface roughness, surface porosity & shade.

\*For warranty details, please visit [nerolac.com](http://nerolac.com).

## RECOMMENDED SYSTEM FOR APPLICATION

1. #Primer (1 coat) Dry in 4 - 6 h
2. Finish Coat (2-3 coats) Nerolac Suraksha Plastic Exterior Emulsion Dry min. 4-6 h in between coats.

#Primer = Nerolac Exterior Primer or Self-priming of Nerolac Suraksha Plastic Exterior Emulsion (100% thinning). For highly absorbent surfaces like Mangalorean roof tiles, apply a coat of Nerolac Air Drying Clear Sealer.

## SURFACE PREPARATION



The surface to be painted must be free from all the dust, grease, traces of paint flakes, algae & fungus.



Ensure thorough cleaning of the surface with stiff wire brush followed by water jetting cleaning.



All structural cracks must be open in 'V' shape and filled with crack filler. All the cracks below 10 mm should be filled using Nerolac Perma Crack Fill paste, cracks above 10 mm should be filled with mortar prepared using Nerolac Perma Waterproof Polymer. All leakage must stop before paint application.



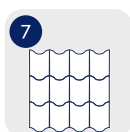
Fresh plaster must be allowed to cure properly (min 12 weeks).



In case of fungus affecting area apply liberal coat of Nerolac Perma Fungicidal Solution, Allow to react for 6 to 8 hours.



Priming should be done Nerolac Excel Alkali Primer Cum Sealer / Nerolac Exterior Primer. Self-priming by mixing with 100% clear water.



Application of Nerolac Air Drying Clear Sealer is recommended on highly absorbing surface like chalky surface, roof tiles.



On horizontal/parapets, top application of 3 coat is recommended.

\*4 year warranty on performance & film integrity when with Alkali, exterior, economy primer or any construction chemical primer is used as an base coat.

## POST APPLICATION INSTRUCTIONS

For the best performance of the paint, ensure proper washing and cleaning of all algae and fungus growth at regular interval of 6 months.



**SAFETY FEATURES**  
Non-Flammable



**SHADE RANGE**  
As per Colour Scapes fandeck, Nxtgen fandeck and shade card.



**SHELF LIFE**  
60 months from the date of manufacturing, when stored in the original tightly closed containers, away from direct sunlight and excessive heat



**PACK SIZE**  
1 ltr., 4 ltrs., 10 ltrs. & 20 ltrs.



**NO. OF SHADES POSSIBLE**  
More than 1900



**HEALTH & SAFETY PRECAUTIONS**  
Avoid inhalation, eye and skin contact. In case of contact, wash with water and seek medical attention. Do not pour the leftovers in the drain. Dispose off after natural drying.

## PRECAUTIONS

1. Stir well and strain before use. Tinted paints required thorough mixing immediately after tinter addition. Do not use universal strainers.
2. For extremely rough surface including textures, application by brush is recommended to ensure all the grooves are covered well.
3. Do not apply when ambient temperature is less than 10°C or if the temperature might drop to this level within 4 hours of application.
4. For best performance, ensure the surface should be clean and dry. Ideal moisture % of wall should be below 12% & pH between 8-11.
5. Paint will not cover existing cracks. For crack filling refer surface preparation method.
6. For surfaces having heavy algal growth, proper cleaning followed by liberal coat of Nerolac Nero Wash is recommended.
7. Primer or one coat of topcoat should not be exposed to weather conditions. Ensure complete application before monsoon. Horizontal surface to be coated first and then vertical. This will help reduce the streak marks of algal growth, if any.
8. For effloresces, Excel Alkali Primer is recommended. This will help to resist shade fading and adhesion loss.
9. Thinned paint should be consumed within 24 hours of dilution. Accordingly, it is recommended to thin down only necessary amount of paint. Post 24 hours, thinned paint may be susceptible for microbial attack.
10. Do not over-thin/under thin or over-extend the brush.
11. Do not use chlorinated water for dilution, this may lead to defects like discoloration/shade fading, peeling or poor adhesion.
12. Store in well ambient condition and away from sources of ignition & fire. Keep away from children's.
13. Refer Product MSDS for safety.

## DISCLAIMER

The product information and application details given by the company has been provided in good faith and is meant to serve only as a general guideline during usage. The performance claims made are based on the tests carried out under controlled conditions and our past experience with the type of products, therefore actual performance will depend on local factors prevailing at that point of time. Users are advised to carry-out sample tests by taking trials to ensure the suitability of products for their requirement, prior to full-scale usage of our products. The Company is not liable for factors beyond its control such as application during adverse climatic conditions, use of improper application tools/techniques and surface preparation, any structural defects or the inferior quality of materials other than paints. The warranty/guarantee clauses shall accordingly be amended.