



# NEROLAC

## EXCEL WEATHER DEFENCE FORMULAE

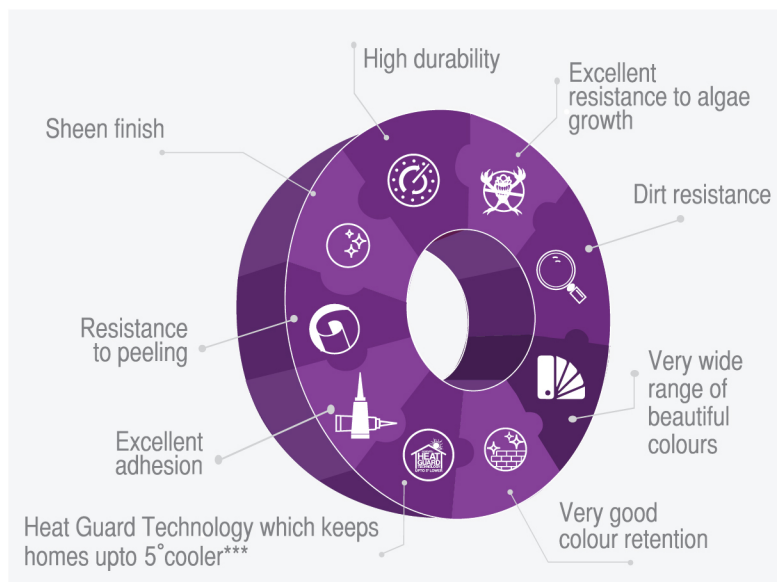
### Acrylic Exterior Emulsion



## PRODUCT DESCRIPTION

Nerolac Excel Weather Defence Formulae is a premium water-based, high performance, long lasting paint, based on 100% acrylic resin, to give your walls not only a tough and flexible film, but also prevent microbial algae growth.

## PERFORMANCE FEATURES & BENEFITS



## RECOMMENDED USAGE

Recommended for exterior and interior of houses, architectural and commercial buildings, where high standard of surface protection is expected.

## RECOMMENDED SYSTEM FOR APPLICATION

1

#Primer (1 coat) Dry in 4 - 6 hrs.

2

Finish Coat (2-3 coats) Nerolac Excel Weather Defence Formulae  
Dry min. 4-6 hrs. in between coats.

\* Paint with estimated VOCs in the range of 5 grams per litre without addition of colorant (Ref. KNPL lab results). VOC content may vary from batch to batch.

\*\* Warranty applicable only on a minimum purchase of 100 litres. For warranty details, refer to the warranty booklet available with the dealer.

\*\*\* As compared to normal cementitious surface.  
Applicable on certain shades only.

## SURFACE PREPARATION

1

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

2

The surface previously coated with paint must be cleaned thoroughly with a stiff wire brush, to remove dust, dirt, chalking or any friable material & loose flakes.

3

Wash thoroughly with water and allow to dry. This ensures proper adhesion of the new paint system.

4

In case of fungus affected area apply a liberal coat of Nerolac Fungicidal Solution. Allow it to react for minimum 6-8 hrs.

5

For parapet tops and other horizontal surfaces, application of 3 coats is recommended.

6

All structural cracks must be open in V shape and filled with cement / cement based plasters and leakage should be stopped, before actual painting.

7

Freshly plastered surfaces must be allowed to cure completely. Apply top coats as follows.

# Primer = Nerolac Exterior Primer or self priming of Nerolac Excel Weather Defence Formulae (100% thinning).  
For highly absorbent surfaces like mangalorean roof tiles, apply a coat of Nerolac Air Drying clear Sealer.

## TECHNICAL DATA



### COVERAGE\*\*\*

12.08 – 13.94 square metre per litre per coat



### DRYING TIME

Surface Dry: 30 minutes



### RECOATING

Min. 4 - 6 hrs. (@27<sup>0</sup>± 2<sup>0</sup>C & RH 60 ± 5%)



### GLOSS LEVELS/SHEEN LEVELS

Soft Sheen



### VOC IN GM/KG OR GM/L

≤ 5 gms/ltr.



### THINNING

Self Priming - Thin 100% by volume with water  
Top Coat - Thin 40% by volume with water.



### FLASH POINT

NA



### STABILITY OF THINNED PAINT

Use within 24 hrs



### DRY FILM THICKNESS (IN MICRONS) /COAT

25-30 : Brush  
35-40 : Roller



### 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.

## PRECAUTIONS



1. Refer to the MSDS for "Nerolac Excel Weather Defence Formulae " for safety measures & precautions.
2. Store in well ambient conditions, ventilated locations & away from sources of ignition and fire.
3. Keep away from children.
4. In case of eye / skin contact wash with plenty of water.
5. Inhalation / Injection is dangerous. In either case, move to fresh air & consult medical practitioners.
6. Do not apply when ambient temperature might drop to level below 10<sup>0</sup>C within 4 hrs of application.
7. New plaster should be allowed to cure for minimum 12 weeks.
8. Avoid extra thinning for better results.
9. Do not use universal stainers. Stir paint well before application.
10. The container must be tightly closed when not in use. Stir well and strain before use.
11. Use safety equipments like rubber or polythene gloves, safety goggles / glasses & face mask.

## POST APPLICATION INSTRUCTION

For the best performance of the paint, ensure proper washing and cleaning of all algae and fungal growth at regular intervals of six months.

## SAFETY FEATURES:

Non-Flammable.

## PACK SIZES:



1 ltr, 4 ltrs, 10 ltrs, & 20 ltrs.

## SHADE RANGE:



As per Color Scapes fandeck and shade card.

## NO. OF SHADES POSSIBLE:

More Than 1400

## SHELF LIFE & STORAGE



- Shelf life is 24 months from the date of manufacturing in unopened condition
- Store in a cool & dry place
- Keep away from direct sunlight
- Thinned paint to be consumed within 24 Hrs after thinning

