



NEROLAC



20X
RAIN PROTECTION



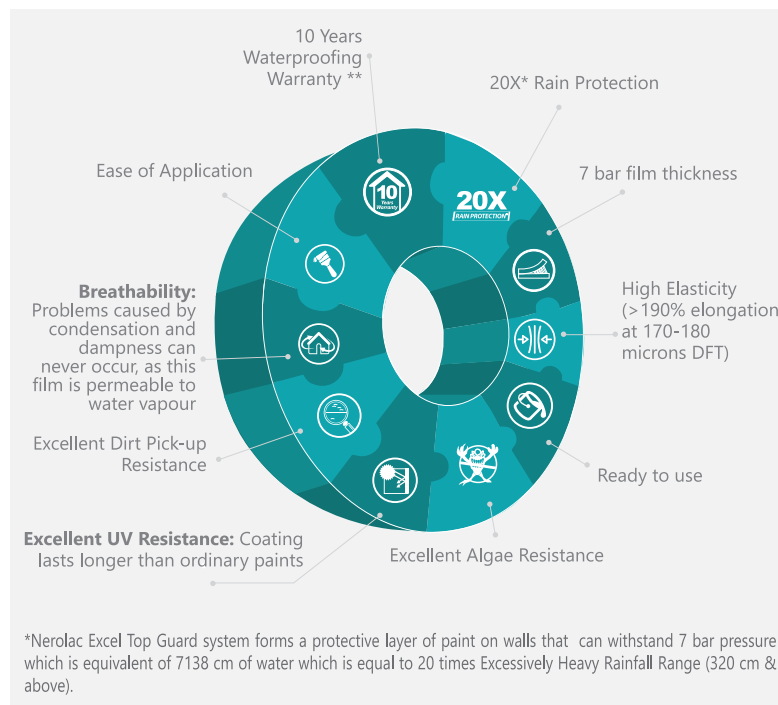
EXCEL TOP GUARD FLEXIBLE ACRYLIC TOPCOAT

PRODUCT DESCRIPTION

Nerolac Excel Top Guard is flexible acrylic exterior painting system consists Nerolac Excel Top Guard Topcoat & Nerolac Excel Top Guard Waterproof Basecoat.

Its higher film thickness, excellent flexibility, breathing properties, water resistance, crack-bridging ability, weather durability and anti-algal and anti-fungal properties make it a perfect waterproofing and protective coating solution for exterior walls of buildings.

PERFORMANCE FEATURES & BENEFITS



AREAS OF APPLICATION

Surfaces: All types of exterior masonry surfaces, concrete cement sand renderings, asbestos sheets etc.

Areas: Heavy rainfall areas, industrial areas, sea-coastal areas, extreme temperature conditions (0 degree C to 50 degree C).

APPLICATION

- 1 Use Nerolac Excel Top Guard Topcoat.
- 2 Apply 2-3 coats by brush or roller at a time interval of 4-6 hrs with 10% dilution.
- 3 For enhanced protection, apply additional coat of Nerolac Excel Top Guard Waterproof Topcoat on rain lashing walls, chajjas and parapet walls.
- 4 Allow the coated surface to fully air cure for 7 days.

PRIMING

Fresh Surfaces: Apply a self-priming 1st coat of Nerolac Excel Top Guard Waterproof Basecoat (at 30% dilution) at forced spreading rate of 4.64-5.11 sq.m./ltr. followed by 2nd coat without dilution with a spreading rate of 3.73-4.78 sq.m./ltr. with a gap of 4-5 hrs.

Repainting: Apply one coat of Nerolac Excel Top Guard Waterproof Basecoat without dilution at a spreading rate of 2.78-3.25 sq.m./ltr. and allow to dry for 4-6 hrs.

SURFACE PREPARATION

- 1 All new cement-sand renderings or concrete surfaces should be allowed to age for 6 to 8 weeks before surface coating.
- 2 Surface for treatment should be clean, dry and free from all loose or poorly adhering material. Dirt, grease, wax etc.
- 3 Clean the surface with stiff wire brushing followed by high pressure water jet cleaning, if required.
- 4 All structural cracks must be opened in V shape and cracks up to 5mm to be filled with Nerolac Waterproof X Crack Filler. Cracks more than 5mm to be filled with polymer modified mortar made with Nerolac Waterproof X Concrete Mix.
- 5 Priming should be done with Nerolac Top Guard Waterproof Basecoat depending upon the painting job (Repainting or fresh painting). Allow the basecoat to dry for 4-6 hrs.
- 6 **Topguard Topcoat Application:**
 - a. **Fresh Surfaces:** Apply 2 coats of Topguard topcoat with 30 to 40 % dilution at a spreading rate of 5.11 to 5.57 sq.m/l.
 - b. **Repainting:** Apply 2 coats of Topguard topcoat with 30 to 40 % dilution at a spreading rate of 5.11 to 5.57 sq.m/l. allow to dry for 4-6 hrs.

**10 years warranty on performance, waterproofing & film integrity only when Excel Top Guard Topcoat & Waterproof Basecoat applied together

TECHNICAL DATA



NATURE
Single Component



APPEARANCE
Emulsion Paint
(available in white and Pastel Base)



SPECIFIC GRAVITY
1.25-1.30



**ELONGATION IN PERCENTAGE
(250 MICRON DFT)**
ASTM D 412-02 >190



**DEPTH OF WATER PENETRATION
UNDER 7 BAR PRESSURE**
EN 12390 Sec 8 / DIN 1048
2mm max



**ALGAL AND
FUNGAL RESISTANCE**
SS 345:1990 / ASTM D5590
No Growth



**ACCELERATED WEATHERING
(1000 HRS UV EXPOSURE)**
ASTM D 4587 No Cracking,
Chalking and visible defects



TENSILE STRENGTH, N/MM2
ASTM D 412-02 >2.00



CRACK-BRIDGING ABILITY
ASTM C 836
Passes more than 2mm width



ADHESION STRENGTH, N/MM
1.5 - 2.00



**COATING THICKNESS IN MICRONS
(3 COATS DFT)**
170-180 microns

PRECAUTIONS



1. Recommended to be primed with Nerolac Excel Top Guard Waterproof Basecoat only.
2. Do not apply when ambient temperature is below 10° C or above 45° C.
3. Do not apply in direct sunlight or during rains.
4. Adhesion property may get affected over poor quality putty and very smooth surfaces.

SHELF LIFE & STORAGE



- Shelf life is 24 months from the date of manufacturing in unopened condition.
- Store in a cool and dry place.
- Keep away from direct sunlight.

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 them off after natural drying

COVERAGE



4.64-5.11 sq.m./ltr. for 2 coats by brush application.
(Coverage may vary depending upon the texture and porosity of the surface and type of tool used for application.)

PACKAGING



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

DISCLAIMER

The product information and application details given by the company has been provided in good faith and 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 taking trials to ensure 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 tool/technique and surface preparation, any structural defects, inferior quality of material other than paints. Warranty/guarantee clauses shall accordingly be amended.