

# SMAC<sup>®</sup>

# NANOCOAT

## SELF-PRIMING WATER REPELLANT PAINT

*Nano Technology  
Modified Product*



### DESCRIPTION :

**SMAC<sup>®</sup> NANOCOAT** is a highly concentrated polymer modified penetrant paint formulation for cementitious and mineral substrates. It forms a water repellent film over the substrate. Due to its application, no separate primer coat is required before subsequent paint coat. Also, paint material requirement is reduced. Further, it acts to block capillaries in the substrate because of its penetrating chemicals & hence improves waterproofing performance.

### ADVANTAGES:

- **No primer coat is required**
- Eco friendly. Very low VOC content
- Prevents moisture absorption and dampness
- High coverage
- Alkali resistance
- Excellent hiding properties
- It forms a breathing coat over the substrate, hence low blistering
- Can be used on previously water based paint coated surfaces
- Prevents chalking of surfaces on which it is applied

### APPLICATIONS:

- Mildly damp and cured plastered interior and exterior surfaces
- Mildly damp and cured exterior and interior concrete surfaces
- Asbestos surfaces
- Pre-mixed mortar surfaces

### FEATURES:

Colour	: Super White
VOC	: Below 20 gm/kg
Touch-dry time	: 45 min
Overcoating period	: 6 hours at 25. C and 50% RH
Thinner	: Water
Dilution Ratio	: 50% by Portable Water
Flash point	: NA
Tinting	: Possible with Acrylic Paint stains
Shelf life	: 12 months in original sealed packing
Coverage	: 5-6 sq. m. per litre in two coats on smooth surfaces
Tooling required	: Brush or roller
Application temperature	: 12. C and above



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## SELF-PRIMING WATERPROOF PAINT

### APPLICATION PROCEDURE:

1. Clean all the the surface by removing loose matter, dust, dirt, algae, fungi, oily residues, previous paint residue, curing membranes etc and washing clean with water. It is recommended that the surface should be cured fully. Still, **SMAC<sup>®</sup> NANOCOAT** can also be applied on fresh surfaces.
2. Repair cracks in the surface using cement : sand mix of 1:3 ratio or appropriate crack repair putty. Level the surface properly.
3. Dilute **SMAC<sup>®</sup> NANOCOAT** with potable clean water in 1:0.5 proportion and apply with brush or roller in a uniform manner as per coverage guidelines, as the first coat. This coat works as the priming as well as base coat for the surface. For better appearance, you can stain this coat using Acrylic paint stainer as per your shade requirement after dilution with water.
4. Leave to dry and cure for at least 6 hours prior to over-coating.
5. Dilute **SMAC<sup>®</sup> NANOCOAT** with potable clean water in 1:0.5 (Paint : Water). Stain with Acrylic paint stain like Apex stains after dilution with water and apply over the previous coat
6. Clean all the equipment & tools with plenty of water.



### CARE DURING APPLICATION:

1. Always stir and filter the paint before use.
2. Do not apply **SMAC<sup>®</sup> NANOCOAT** below 12. C temperature and rains.
3. Protect the area applied from rains and water splashes for at least 24 hours.
4. Do not scratch or peel the primer.
5. Do not thin **SMAC<sup>®</sup> NANOCOAT** excessively.
6. Do not extend the brush stroke excessively.

### PACKING:

20 Litre HDPE buckets

Disclaimer: The information given in good faith is based on our in-house testing & site results. However, we do not guarantee the same as the conditions of actual use are beyond our control.

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