B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-PAINT AC

(Sustainable Nanotechnology Anti-Carbonation Paint.)

Description

HI-PAINT AC is a waterborne, acrylic emulsion based on nanotechnology anti- carbonation top coat. The product allows water vapors from the substrate to pass through the paint film and possess highly aggressive water repellent property.

Features

- Excellent anti-carbonation property
- Water vapor permeable
- Excellent resistance to moisture and salts
- Algae and fungus resistance
- Good scratch resistance and water repellency
- Smooth and flat finish

Uses

Recommended as a self-priming top coat on concrete, cement and other masonry substrates for car parks, basements and bridges for interior and exterior application. Add 20 to 30 % water when apply primer coat.

Application Guide

1. The surface must be removed from dust, grease, oil and other contaminants completely.
2. Surface temperature required during application must not be less than 10°C; the surface moisture should not exceed 8% and the relative humidity at work place not to exceed 70%.
3. Maximum pH of 9.
4. Paint should be stirred carefully before use.
5. A suitable quantity of water can be added to get reasonable viscosity for application.
6. Do not apply on wet and moistened surfaces until get completely dry.
7. Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be given between the two coats.
8. Adequate ventilation should be provided during drying time.

Typical Properties

Properties listed are only for guidance and are not a guarantee of performance

Technical Data

Finish	: Smooth
Color	: white, grey green.
% of Volume Solids	: Above 40%
Theoretical spreading	: 5 sq.mt / kg @ 75 µm
(Depending on Specific gravity: 1.45 kg/L	
Alkali resistance	: Alkali proof
Viscosity @ 30 C Drying Time	: 20000 aprpx
Drying Time	: 1 Hr @ 25 C
Touch: Repainting	: 4 Hr @ 30 C
Application method	: Brush, roller, Spray

Equipment Care

Remove HI-PAINT AC from tools and equipment immediately after use with clean water.

For Previously Painted Surfaces

Remove old paint from surfaces completely. Make sure that the surface is clean, dry, and free from dust, oil, grease, salt and mold.

Method of Use

Surface Preparation New surfaces

All new surfaces must be cured at least for 30 days prior to application of the primer.
The surface must be treated by removing all forms release and protrusions to get a suitable surface for application.

Packaging & Storage

HI-PAINT AC is available in 20kg units. It has a shelf life of 6 months when stored in original sealed containers, under cover, out of direct sunlight, and at temperatures between 5C and 30°C. In extreme tropical climate, these products must be stored in cooled ambience. Excessive humidity and over exposure to UV will result in the reduction of shelf life. HI-PAINT AC is non-flammable.

This Product is Formulated and Labeled and Commercial use only

For Best Results and Safest Usage, User is Specialty Directed to Consult.

Product Warranty: All recommendations, statements and technical data contained herein are based on tests we believe to be reliable and correct, HIBOND warrants its products to be free of mfg. Defects and that, at the time and place of shipment, our material will meet current published physical properties when applied within HIBOND'S directions and tested in HIBOND'S standards. HIBOND'S facility is limited to replacement of material found to be defective. As HIBOND has no control over the use to which others may put its products. It is recommended that the product be tested to determine if suitable for a specific application and / or our information is valid in particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, applications and proper installation of each product. Nothing contained herein shall be construed to be a recommendation to use or as a license to operate under or to infringe any existing patents.