

### Composition and Application Field

**NOVA Anticarbonation & Isolant Paint** is a special formulation based on a liquid membrane based on a highly resilient polymer containing inert pigments. It has good alkali resistance properties and it is extremely low toxicity and odor. It is the most ideal choice for the protection of all types of roofs, walls made of concrete, tiles, wood, bricks etc. It is resistant to the diffusion of carbon dioxide to a great extent. It is an Anticarbonation product with excellent water proof properties, it is resistant of the degradation of UV & sun light as well as mold & algae.

Substrates: Concrete, plaster, tile, bricks and timber.  
Area of Use: Interiors / Exteriors.

### Specification

Finish	: Smooth
Color	: White, Gray & any other color required
Specific gravity	: 1.25 ± 0.02
Solids (% by volume)	: 50 ± 2
Diluent	: Sweet Water.
Flash point	: Not Applicable
Spread Rate:	

While the spread rate is directly dependent on the surface profile and also the type of undulations it has, over spray and also the equipment NOVA Anticarbonation & Isolant Paint would cover app 6-7 m<sup>2</sup> /liter @ 75 microns.

Drying Time (30° C):

The curing period will depend on the coat thickness, climatic conditions etc. Please ensure that the coating is fully dry and cured before exposure to rainfall and water. The touch dry is of 2 hours, and the full cure will go maximum up to 72 hours.

Recommended DFT: 1 to 2 coats of 75 microns each.

### Surface Preparation

A good surface preparation and following the method statement / recommended system procedure of NOVA is an ideal recommendation for the application of NOVA Anticarbonation & Isolant Paint.

#### For Roofs & walls of various types:

Achieve a good and clean surface by removing all contaminants and loose particles by cleaning & drying. A laitance free surface should be achieved by good sweep blast or a wire brush. Water washing under pressure is recommended. If fungus is present then a good coat of NOVA fungicidal wash compound is to be applied and rinsed properly after thorough drying. In case of interiors it is advisable to clean with a damp cloth.

Exclusions for successful application include perpetually wet surfaces and also large cavities on wood, concrete surfaces.

### Application Method

NOVA Anticarbonation & Isolant Paint can be applied by brush, roller, trowel or spray. Apply first coat diluted with 2-3% sweet water. Apply 2nd and 3rd coat without dilution to achieve film thickness of maximum 2-3mm. Allow to dry overnight between successive coats. Adequate ventilation is an ideal situation as it helps in drying and the good application itself. Avoid high humid conditions i.e., >95% when condensation is likely to interfere and also when the surface temperature is at least 3°C above dew point.

One can add 5 to 10% of sweet water for ease of application depending on the suitability of application.

1. Brush/ Roller: Apply an even coat spreading uniformly.
2. Trowel: Apply an even coat spreading uniformly.
3. Spray: Make an uniform spray of the product with just enough dilution.

### Paint System

NOVA ANTICARBONATION & ISOLANT PAINT

- For Anticarbonation	1-2 coats of 75 microns each Cover 6-7m <sup>2</sup> /L
- For Roof Protection	1-2 coats up to 1 mm max each Cover 1m <sup>2</sup> /L

\* Recommended system to be applied as per surface preparation, or as per NOVA technical advice.

### Storage and Shelf Life

Under dry and cool condition, storage stability can be sound up to maximum 18 months in original sealed containers.

#### Handling

Disposal: As per the guidance and legislations of the local Authority e.g., by controlled landfill. In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses. Flash Point: Not applicable.

### Safety Precaution

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream. Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray. MSDS is available on request for the safe handling of this product.

#### First Aid

Eyes: In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

Skin: Wash skin thoroughly with soap and water or approved industrial cleaner. Do not use solvent or thinners.

Inhalation: Move to fresh air, loosen collar and keep patient rested.