

## ANTI CARBONATION & ISOLANT PAINT Product No. PW3611

**Ritver Anticarbonation & Isolant Paint** is a special formulation based on a liquid membrane based on a highly resilient polymer containing inert pigments. The product 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 proofing properties, it is resistant at the degradation of UV and sun light as well as mold and algae.

### USE

**Substrates:** Concrete, plaster, tile, bricks and timber.

**Area of Use:** Interior/ Exterior

### SPECIFICATION

#### Properties

|                             |  |
|-----------------------------|--|
| <b>Finish</b>               | : Smooth   |
| <b>Colour</b>               | : White and grey and any color required by the end user. |
| <b>Specific gravity</b>     | : 1.3-1.46 ± .02   |
| <b>Solids (% by volume)</b> | : 50 ± 2%  |
| <b>VOC Content</b>          | : 0 grams/lit.   |
| <b>Diluent</b>              | : Sweet Water  |
| <b>Flash point</b>          | : NotApplicable  |

#### Spread Rate:

While the spread rate is directly dependent on the surface profile, thickness required and also the type of undulations it has, over spray and also the equipment

#### Ritver Anticarbonation & Isolant Paint

would cover app 6-7 m<sup>2</sup> /liter @ 75 microns and 1m<sup>2</sup>/ltr @ 1mm per coat

#### 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.

### SURFACE PREPARATION

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

#### For Roofs and 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 **Ritver 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.

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### APPLICATION METHOD

**Ritver Anticarbonation & Isolant Paint** can be applied by brush, roller, trowel or spray. Apply first coat diluted with 2-3% sweet water. Apply 2<sup>nd</sup> and 3<sup>rd</sup> 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.

### TIPICALLY PAINT SYSTEM

|   |  |                              |
|---|--|------------------------------|
| <b>Ritver Anticarbonation &amp; Isolant Paint</b> | For Anticarbonation, 1-2 coats of 75 microns each  | Cover 6-7m <sup>2</sup> /ltr |
| • Or as per Ritver technical advice               | For Roof protection, 1-2 coats up to 1 mm max each | Cover 1m <sup>2</sup> /ltr   |

### PACKING & STORAGE

Under dry and cool condition, storage stability can be sound up to 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

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### SAFETY & FLAMMABLE

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. Refer to MSDS for safe handling & application 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:** Remove to fresh air, loosen collar and keep patient rested.

**Ingestion:** In case of accidental ingestion DO NOT INDUCE VOMITING. Obtain immediate medical attention.