

ITCO™ Anticarbonation Paint

Description

ITCO™ Anticarbonation Paint is a 100% acrylic emulsion based, heat insulating, waterproofing exterior water-based paint.

ITCO™ Anticarbonation Paint has been formulated to confer long term protective and decorative properties to concrete and masonry surfaces. The micro-porous structure of the coating acts as a barrier to the ingress of Chlorides and Carbon Dioxide and other acid gases but allows the passage of water vapour from the substrate. The elastomeric nature of Anti-Carb ensures good crack bridging properties, in case of structural movement.

Benefits

- Protects external surfaces against water seepage and similar environmental attacks
- Provides durable and long-lasting finish to the external surface
- Can withstand extreme climatic changes like heavy rainfall, high humidity and heat

Advantages

- Single pack Matt Finish paint and easy to apply
- Protects substrate from carbonation
- Excellent UV and weather resistance
- Water based and non-toxic
- Elastic nature with crack bridging properties
- Protects the structures from water leakages or dampness
- Carbon Dioxide Diffusion Resistance
- Prevents rise in internal temperature
- Prevents formation of fungi and algae hence, exteriors look freshly painted for years
- Has a fairly good resistance to abrasion due to normal wear and tear
- Does not require a priming coat, thus eliminates additional expenses and saves time

Typical Properties

Tests	Unit	Typical Properties
Color	-	White, Golden yellow and Black
Odor	-	Slight acrylic odour
pH	-	7.0 to 10.00
Viscosity at 30°C (By Brookfield)	KU	90.0 – 120.0
Volume Solid	%	58 ± 3
Carbon Dioxide permeability	g (m ² .d)	< 5.0
Diffusion Resistance against Carbon Dioxide: Equivalent air layer thickness	Meter	> 50
DFT	Microns	200- 225 Microns (For minimum 2 coats)
*Coverages	Sq. mt/lit.	2.6 – 2.9
Solvent	-	Water
Drying Time		
Touch Dry	Minutes	Max. 30
Hard Dry	Hours	8 to 12
Full Cure	Days	5
Overcoating Interval	-	Min. Overnight

Note: *The coverage of this product will vary considerably according to the roughness and porosity of the surface.

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ITCO™ Anticarbonation Paint**Applications**

- For new and previously painted exterior masonry, plaster, RCC and building boards surfaces
- All types of concrete structural including Building exterior, bridges, infrastructure project jobs and coastal installations.

Packaging

20 litre HDPE pails

Storage & Shelf Life

12 months when stored in a cool & dry place; away from direct sunlight, in original sealed packing

Reference No: ITSC/A-000001	Issue Date: November 22, 2024	Prepared By: Akshay Kurhade	Date: 22/11/2024
Revision No: 00	Revision Date: NA	Approved By: Deepali Nikam	Date: 22/11/2024

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