

PROTECTION OF CONCRETE STRUCTURES WITH ANTICARBONATION COATING









PROVIDES RESISTANCE TO WEATHERING

The coating has excellent adhesion to the substrate and cures to form a flexible film that allows the surface to breath and acts as carbon dioxide barrier thus protecting the concrete in aggressive weather conditions.











EXCELLENT CARBONATION BARRIER

The micro-porous structure of the coating acts as a barrier to the entrance of Chlorides and Carbon Dioxide and other acid gases, at the same time allowing the passage of watervapour from the substrate thus allowing the substrate to breathe.



WATERPROOFING PROPERTIES

Allows the walls to breathe still remaining waterproof. This coating allows water and vapor to transfer from inside the concrete to outside the concrete without any crack or failure in the coating. At the same time it does not allow water or vapor to penetrate the concrete structure.









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PROPERTIES OF ANTICARBONATION COATING



DYNAMIC CRACK-BRIDGING PROPERTIES.

The elastomeric nature of this coating ensures good crack bridging properties, in case of structural movement.











Excellent bonding and long lasting

Excellent bonding of this coating to the surface ensures long lasting adhesion. A bright, clean, transformed exterior always adds value and durability to the structure







FLEXIBLE & DURABLE

Unlike paint this type of coating is flexible so there is no cracking, flaking or peeling. Due to its excellent flexibility it gives high durability.









AVAILABLE IN VARIOUS UV STABLE COLOURS









TYPES OF ANTICARBONATION COATINGS

- WATER BASED ANTICARBONATION COATING
- SOLVENT BASED ANTICARBONATION COATING
- CLEAR ANTICARBONATION COATING









WATERBASED ANTICARBONATION COATING



SMOOTH FINISH FAIRCOAT







WATERBASED ANTICARBONATION COATING



TEXTURED FINISH FAIRCOAT







SOLVENT BASED ANTICARBONATION COATING



SMOOTH FINISH FAIRCOAT







SOLVENT BASED ANTICARBONATION COATING











CLEAR ANTICARBONATION COATING

It is designed to penetrate deeply into high quality reinforced concrete so as to afford optimum protection against absorption of water and pollutants as well as freeze / thaw cycles.







WHERE ANTICARBONATION COATING CAN BE USED

- •Where new and existing concrete and masonry structures require protection from Water, Carbon Dioxide, Sulphur Dioxide, Oxides of Nitrogen, Chlorides, Sulphates and UV radiation.
- •Flyovers, Elevated Expressways, Railway Bridges, Metro Rails, Commercial and Industrial buildings, Bridges, Subways, parking, High rise flats, etc.







Eco-friendly Anti-carbonation coating

FAIRCOAT INSULTECH











Eco-friendly Anti-carbonation coating



Provides Protective Thermal barrier that can enhance building climatic conditions and reduce utility costs.







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Temperature reduction from 8% to over 20% alongwith Protection against wind and rain.







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Tested and approved by various laboratories across the world





3rd International conference on Construction Chemicals Hotel Le Royal Meridian, Chennai 9-10 February, 2012

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Technology Center, UK











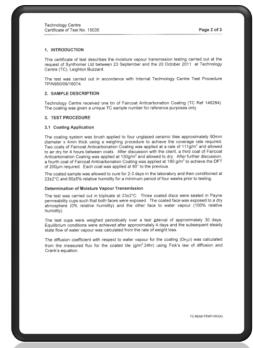


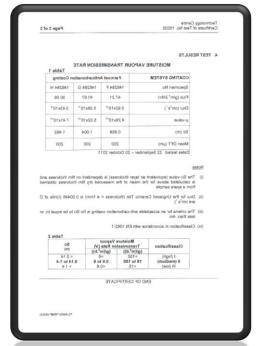
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Technology Center, UK













Indian Institute of Technology, Mumbai

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Ref.:Y	our letter dated Sep. 24, 2010		
Our lo	b No. : IN/ASK-36/10-11		
5.No.	Test Specific Gravity	Standard Used 15:345	Result 1.39
3.	Solid Contents UV Resistance 300hrs	IS: 345 ASTM G 53	72.60% No colour change wa observed
4.	IR-Spectrum	FT-IR	Acrylic Polymer
5.	Adhesion with concrete	ASTM D 4541	1.6 N/mm2
6.	Dry Film Thickness	Elcometer	230 µm
7.	Coverage		456gm/m2
ä.	Physical Properties Diffusion resistance against Carbon dioxide	DIN 53122 Part 1	155m
9.	Water Vapor Permeability	ASTM D 1653	165.3g/m2/days
10.	Water Proofing Characteristics	Gravimetric	52-55%
11.	Re-Coatability We don't have testing facility of diffusion of	undertance against water	
	rsults pertain to sample submitted to us.		
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IIT Bombay Prof. A. S. Khanne Fedow NACE, Fedow ASM, Fedow AvH)		Fax E-mail Chairman	(+91-22) 25767891 (O) (+91-22) 25723480, 25726975 khanna@illb 4c.in SSPC India Humboldt Academy of Bombiny	
111, 6 1" Flo Chino Mum	AIR MAYE Tribit industries Estate, or, Opp. Tangent Furniture Mall, holi Bunder, Off Link Road Malad (W) hai-400064. Your letter dated Sep. 24, 2010		22 November 2010	
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		Standard Used	Result	
5.No.	Test	IS: 345	1.39	
1.	Specific Gravity Solid Contents	15:345	72.60%	
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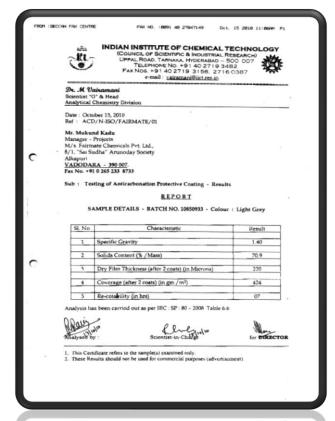








Indian Institute of Chemical Technology, Hyderabad











Test Report from Germany



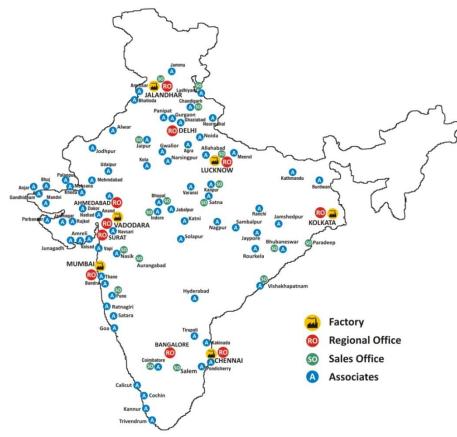




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The only Indian company having ISO 9001, ISO (EMS) 14001 & ISO OHSAS 18001 certification













FAIRMATE

A proud member of The Indian Green Building Council





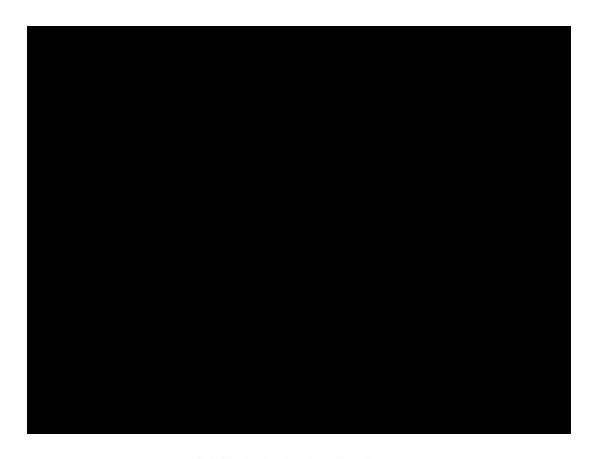


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Conclave-2012 Hotel Le Royal Meridian, Chennai 9-10 February, 2012









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Thank You ...



