

Intercrete 4890

Advanced waterbased anti-carbonation coating

Intercrete™ 4890 is an advanced, low VOC, flexible waterbased coating.

Designed to provide protection against carbonation and water ingress without entrapping moisture within damp substrates.

Fast dry - two coat application achieved in one day. A low maintenance coating for internal and external use.

- Advanced copolymer formulation with excellent adhesion and resistance to weathering
- Provides protection against carbonation and chloride attack
- One product, one solution, self-priming
- Environmentally friendly, low VOC
- Easily and quickly repaired and maintained



One Product. One Solution. One Brand.

Intercrete 4890 is the ideal anti-carbonation coating to prevent the ingress of carbon dioxide, protecting steel reinforcement in concrete from corrosion.

Self-priming; just one product, one solution, one brand.

Key application areas:

- Exterior facades
- Highways
- Bridges
- Chloride and CO₂ protection
- Tunnels
- Airports



Technical data

Color:	Range of colors available	
Volume solids:	32%	
Film thickness	65µm dry equivalent to 203µm wet	
Temperature	Touch dry	Hard dry
10°C	4 hours	6 hours
20°C	90 minutes	2 hours
30°C	60 minutes	90 minutes
40°C	30 Minutes	40 minutes
VOC	0 g/kg EU Solvent Emissions Directive (Council Directive 1999/13/EC)	

Test data

Test data	Test method	Results
Carbon dioxide diffusion	EN1062-6	555m @ 130µm 1,055m @ 240µm 1,320m @ 320µm
Adhesion	EN 1542	3.5MPa
Water vapour transmission	BS EN ISO 7783-2	Class I: Sd = 0.825m 25.44g/m ² /day
Water permeability coefficient	EN 1062-3	Class III: 0.018kg/m ² .h ^{0.5}
Crack bridging	EN 1062-7	2.94mm (Class A4)
Reduction in water absorption	EN 1062-3	≥ 99%
Abrasion resistance	ASTM D4060	Max Loss of Weight 15mg/1000 cycles
Resistance to impact	ISO 6272-1	2.75Nm

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