

Concrete weatherproofing

The Intercrete® 4890 series of weatherproof, anti-carbonation coatings provides outstanding protection against the ingress of carbon dioxide, oxygen and water, whilst allowing damp substrates to breathe without blistering.



Reinforced concrete is not as durable as once anticipated and further protection is often necessary in order to achieve the desired design life. Drab concrete can also be revitalised using imaginative colour schemes to improve the aesthetics and add value to the building.

Market leading performance

With water-based, high build formulations, **Intercrete 4890** coatings are ultra-fast drying, enabling two coat applications on the same day even in inclement weather conditions. They also incorporate an active in-film fungicide which inhibits the growth of mould, fungi and lichens and with an elastomeric formulation, are able to cover static cracks and bridge dynamic cracks.

Able to withstand extremes of temperature without deterioration, **Intercrete 4890** coatings remain unaffected by exposure to direct sunlight, even in the most aggressive of climates. Designed to last for

up to 15 years, **Intercrete 4890** coatings considerably extend the life expectancy of new, existing and repaired concrete and masonry structures. They are available in a variety of attractive colours and the product range also includes **Intercrete 4893**, a transparent, water-based anti-carbonation coating which demonstrates exceptional resistance to carbon dioxide diffusion.

The highest quality products

Intercrete 4890 coatings are environmentally friendly products, formulated with minimal VOC contents and the latest encapsulated biocide technology. They are manufactured in accordance with the strictest international quality, environmental and safety standards, including ISO 9001, ISO 14001 and OHSAS 18001.

All **Intercrete** products are also backed by independent testing and accreditation making them the preferred choice globally for their unparalleled reliability and durability.

Class-leading results

The **Intercrete 4890** series of products offer unique characteristics, but also share a number of key benefits:

- Outstanding protection against carbonation & the effects of weathering
- Long-lasting, reliable performance
- Fast-drying and simple application
- Environmentally friendly formulations
- Suitable for a range of building substrates
- Manufactured in the UK in accordance with BS EN 9001 & BS EN 14001 standards



Intercrete 4890 coatings are regularly used to protect buildings and structures all around the world

Intercrete 4890 series specification options



The Intercrete 4890 product family offers a number of solutions to meet specific project requirements;

Intercrete 4890

A technically advanced, minimal VOC, water-based decorative coating which protects against carbonation and water ingress without entrapping moisture. It is fast drying for year round use externally and offers excellent fire performance characteristics for internal use. **Intercrete 4890** prevents water ingress and resists the growth of mould and fungi, making it the ideal low cost coating for both new build and maintenance projects.



Intercrete 4890 has a matt finish & is available in a range of attractive colours

Intercrete 4891

A high performance, water based, elastomeric, high build decorative coating which provides protection against carbonation and water ingress, yet allows damp substrates to breathe. **Intercrete 4891** is ultra-fast drying which enables two coat applications to take place on the same day and facilitates year round usage. It resists the growth of mould and fungi and is ideal both for new construction and refurbishment projects.



Intercrete 4891 features advanced polymer resin for excellent adhesion

Intercrete 4892

A highly engineered, acrylic-based decorative wall coating with an attractive textured finish. Due to its high build, textured composition, **Intercrete 4892** is ideal for use on buildings and structures that have a rough, uneven finish with surface defects and imperfections. This product will effectively disguise any defects and provide walls with a uniform appearance, vastly improving the aesthetic appearance of buildings.



Intercrete 4892 has encapsulated in-film biocides to resist mould & lichens

Intercrete 4893

A transparent, elastomeric coating, ideal for maintaining the surface appearance of the concrete substrate, whilst still providing excellent anti-carbonation and weatherproof protection. Designed for application to external walls and facades, **Intercrete 4893** is ideal for decorative concrete finishes, exposed aggregate panels, textured concrete, heritage applications, coloured concrete and other cementitious substrates.



Intercrete 4893 has a clear, satin gloss finish that sheds dirt & retains clarity

Performance characteristics

Intercrete 4890 coatings offer class-leading performance and deliver long-term weatherproofing protection:

Product name	Coverage rate (2 coats)	Curing time (through cure)	Equivalent air layer thickness		Artificial weathering
			Permeability to CO ₂	Water vapour transmission	
Intercrete 4890	0.2 litres/m ² /coat	2-24 hours	201m	1.03m	20,000 hours
Intercrete 4891	0.2 litres/m ² /coat	2-24 hours	121m	0.48m	20,000 hours
Intercrete 4892	0.5 litres/m ² /coat	6 hours @ 20°C	n/a	1.71m	2,000 hours
Intercrete 4893	0.2 litres/m ² /coat	2-12 hours	83m	0.42m	2,500 hours

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