



Cretebond

SBR Super Latex - High Performance
Polymer Additive For Cement And
Concrete Mixes

Pack Size
30Kgs, 20Kgs, 5Kgs, 1Kgs & 500grams

TDS
Technical Data Sheet



Product Overview

Cretebond is a high-performance, multipurpose, concentrated liquid polymer additive designed for cement and concrete mixes. It significantly improves bond strength and flexibility, making it suitable for use as a waterproofing sealer and as an additive for renders, screeds, and other applications. Cretebond can be applied to damp surfaces and provides excellent adhesion and durability.

Features

High performance polymer additive for cement and concrete mixes. Water-resistant, used as a temporary waterproofing sealer on rooftops. High strength, ideal for patching, can be feathered out with minimal cracks. Non-toxic, does not cause Occupational Health & Safety concerns.

Benefits

Water-resistant: can be used as a temporary waterproofing sealer on rooftops. High strength: ideal for use in patching mortars, can be feathered out with minimal cracks, suitable for coving areas. Non-toxic: does not cause Occupational Health & Safety concerns. Reduces the cement: water ratio, resulting in stronger mortar/screed.

Typical Applications

Used as a temporary waterproofing sealer in high exposure areas such as rooftops while a new waterproofing membrane is being installed. Limits gassing when used under sheet membranes. Serves as a slurry coat before applying renders or toppings. Functions as an admixture for sand/cement mixes, especially in repair mortars, fillets, covings, renders, and screeds. Acts as a bonding bridge for new to old concrete.

Limitations

Do not use Cretebond mortar to tile over concrete slabs subject to rising damp or hydrostatic pressure without first priming with AT 107 Water-based epoxy membrane in two coats at a coverage rate of 3 square meters per liter per coat. Protect Cretebond liquid from frost –do not allow it to freeze. Do not apply Cretebond as a temporary waterproofing sealer if rain is imminent. Do not apply if the surface temperature is below 10°C or above 35°C.

Basic Application Instructions

Surface Preparation

The surface to be treated should be clean, sound, free from oil, grease, and laitance. New concrete should be allowed to cure for at least 28 days prior to the application of Cretebond water-resistant or binder coat. New brickwork walls, sand/cement render, or screeds should be left for at least 7 days before applying the Cretebond water-resistant or binder coat.

Mixing

Temporary Waterproofing: 1 part Cretebond: 2 parts cement (by volume).

Admix for Render/Screed/Coving: Mix 1 part Cretebond with 3 parts water and use as the gauging mix (mixing water) with a 3:1 or 4:1 sand/cement mix.

Binder Coat: 1 part Cretebond: 1 part water: 4 parts cement (by volume).

Application Instructions

Temporary Waterproofing: Mix Cretebond with fine cement to a lump-free consistency. Premoisten the concrete then apply a first coat using a brush or roller to achieve a 1mm wet bed thickness. Allow the first coat to set, then apply a second coat at right angles to the first application to ensure no pin-holing occurs.

Slurry Coat

Mix to a thin binder and spread the mix over the surface with a brush, roller, or small broom. The maximum thickness recommended is 2mm. While the binder coat is still wet, apply render or screed over it.

Render/Coving

Apply the binder coat on the prepared surface. While the binder coat is wet, apply the Cretebond mortar mix with a wood float trowel, ensuring firm pressure on the trowel to work the render into good contact with the surface.

Screed

A minimum thickness of 15mm is recommended when using diluted Cretebond instead of water. For a thickness greater than 40mm, reinforcing mesh is required. Using a roller, brush, or a flat trowel, coat the prepared area with a binder coat of Cretebond to improve adhesion to the substrate. Apply the screed mix while the binder coat is still wet using a straight edge, trowel, or timber batten to level the screed. Achieve falls in shower recesses to a minimum 1:60, internal wet areas (e.g., bathrooms) to a minimum of 1:80, and external areas to a minimum of 1:100. Screeds should be left with a wood float finish to create a key for tiling and waterproofing. When reinforcing the screed with mesh, apply the first layer of screed, lay in the mesh, and apply the second layer of the screed. Do not lay the mesh directly onto the substrate.

Drying Time

Approximately 16 hours (overnight) at 23°C and 50% relative humidity when used for waterresistant or render/screed.

Coverage

Temporary Waterproofing - 12m² (2 coats)

20 litres covers - at 1mm/coat

Slurry coat - 1 litre covers 3m²

As a render (15mm thick) - 1 litre covers 2m²

Physical Properties

Form	Thin, white liquid
Specific Gravity	1.0 kg/litre
pH	9-10
Tensile adhesion over concrete (7 days)	1.5 MPa
Hydrostatic pressure resistance	50 psi (0.34 MPa)
Flexural strength	3.3 MPa
VOC Content	32 g/L

Pack Size

30kgs ,20Kgs, 5Kgs, 1Kg, 1/2Kg



Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

The information and recommendations regarding the application and end-use of Carbolink products are provided in good faith based on our current knowledge and experience. Due to variations in materials, substrates, and actual site conditions, no warranty of merchantability or fitness for a specific purpose can be inferred. The user must determine the product's suitability for the intended application. Carbolink reserves the right to change the properties of its products. All proprietary rights of third parties must be observed. Orders are subject to our current terms of sale and delivery. Always refer to the most recent local Product Data Sheet, available upon request.