

Curing Membrane

FORMERLY FLEXCRETE CURING MEMBRANE WB

PRODUCT DESCRIPTION

A non-degrading water based acrylic resin sealer which forms an elastic, durable matrix within the surface of cementitious substrates.

INTENDED USES

To aid curing of Intercrete repair mortars and cementitious coatings as a convenient alternative to traditional curing aids such as polythene sheeting, damp hessian or sand. It retains over 85% of the water in the repair mortar during the first 72 hours and its water based nature makes it ideal for use in confined areas. Excellent resistance to blushing and weathering.

Intercrete 4870 may also be used as a sealer coat for concrete.

PRACTICAL INFORMATION FOR INTERCRETE 4870

Colour	White			
Volume Solids	35%			
Density	1.03kg/m ³ (0lb/ft ³)			
Typical Thickness	65 microns (2.6 mils) dry equivalent to 186 microns (7.4 mils) wet			
Practical Coverage	A 5 litre pack will cover approximately 25-35m ²			
Method of Application	Spray Bottle			
Shelf Life	12 months at 20°C (68°F).			
Pack Size	5 litre units			
Drying Time	Overcoating interval with self			
Temperature	Hard Dry	Touch Dry	<i>Minimum</i>	<i>Maximum</i>
20°C (68°F)	15 minutes	15 minutes	15 minutes	Not applicable

COMPLIANCE AND CERTIFICATION

When used as part of an approved scheme, this material has the following certification:

- BBA Approved, certificate no. 05/4276



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SURFACE PREPARATION

Cementitious Mortars and Coatings

Apply only to newly placed Intercrete cementitious mortars and coatings.

APPLICATION

Mixing

Intercrete 4870 is supplied as a single component liquid.

Thinner

- **DO NOT THIN**

Work Stoppages / Clean Up

Do not allow material to remain in hoses, guns or spray equipment. Thoroughly flush all equipment with clean water.

Clean all equipment immediately after use with clean water. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

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PRODUCT CHARACTERISTICS

Placing

Intercrete 4870 should be spray applied to the surface of newly placed Intercrete cementitious mortars and coatings. Application should take place as soon as practicable after final finishing, once any residual surface water from trowelling has evaporated, but generally within 15 minutes. Apply using a conventional pressure spray with a fine nozzle at 5-7m²/litre, taking care to ensure complete and even application. Best results are achieved by holding the nozzle approximately 0.5 to 1m from the surface, whilst spraying backwards and forwards over small measurable sections (1 to 5m²). For maximum curing efficiency, if the surface is subject to strong sunlight or drying winds, a second coat should be applied once the first coat has dried and the membrane film has formed. This waiting time is generally 15 minutes, whilst the first coat is still tacky, depending upon climatic conditions.

Treated surfaces must be cured for a minimum of 72 hours before overcoating with an Intercrete specialist membrane to ensure maximum adhesion.

APPLICATION TIPS

- Apply Intercrete 4870 curing membrane as an even, fine mist spray. Do not over-apply or allow to pond on the surface or cracking may occur.
- Can be overcoated with Intercrete membranes to give a coloured aesthetic finish.
- Clean spray nozzles regularly to avoid blockages.
- Please consult Protective Coatings Technical Department when waterproofing underneath road asphalt.
- Protect from prolonged storage at temperature higher than 40°C (104°F).

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SAFETY PRECAUTIONS

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on this sheet, the Safety Data Sheet and the container(s), and should not be used without reference to the Safety Data Sheet (SDS).

All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety & Environmental standards and regulations.

If in doubt regarding the suitability of use of this product, consult International Protective Coatings for further advice.

Important Note

The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given are subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is current prior to using the product.

This Technical Data Sheet is available on our website at www.international-marine.com or www.international-pc.com, and should be the same as this document. Should there be any discrepancies between this document and the version of the Technical Data Sheet that appears on the website, then the version on the website will take precedence.

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