

Curing Membrane

PRODUCT DESCRIPTION

A single component, water based acrylic curing membrane designed for use with the Intercrete repair and protection systems.

INTENDED USES

Specifically designed to be spray applied to the surface of freshly installed repair mortars, fairing coatings and cementitious coatings to retain moisture and assist cure. Intercrete 4870 is a practical alternative to conventional methods such as polythene sheeting or damp hessian.

PRACTICAL INFORMATION FOR INTERCRETE 4870

Colour	Colourless			
Gloss Level	Matt			
Volume Solids	35%			
Typical Thickness	65 microns (2.6 mils) dry as a guide only			
Theoretical Coverage	150m ² at recommended dry film thickness per 25 litre unit			
Practical Coverage	Allow appropriate loss factors			
Method of Application	Conventional Spray			
Drying Time	Overcoating interval with self			
Temperature	Touch Dry	Hard Dry	<i>Minimum</i>	<i>Maximum</i>
20°C (68°F)	15 minutes	15 minutes ¹	15 minutes	Not applicable

¹ Recommended walk-on time

REGULATORY DATA

Flash Point (Typical)	Not applicable		
Product Weight	1.03 kg/l (8.6 lb/gal)		
VOC	0 g/l	Calculated	

See Product Characteristics section for further details

Protective Coatings

Curing Membrane

SURFACE PREPARATION

Intercrete 4870 should always be applied directly over freshly installed Intercrete repair and protection systems.

It is recommended that application should be done as soon as practically possible after the final layer of the repair and protection system is in place. Typically, this can be done after as little as 15 minutes.

APPLICATION

Mixing	Intercrete 4870 is supplied as a single component liquid. The bottle should be shaken thoroughly before use.	
Air Spray (Conventional)	Recommended	Use suitable proprietary equipment
Thinner	DO NOT THIN	
Cleaner	Clean Water	
Work Stoppages	Do not allow material to remain in hoses, guns or spray equipment. Thoroughly flush all equipment with clean water.	
Clean Up	<p>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.</p> <p>All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.</p>	

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PRODUCT CHARACTERISTICS

Always consult the Intercrete 4870 Application Guidelines prior to use.

This datasheet provides general guidance on the use of Intercrete 4870. Specific project requirements will be dependent upon the substrate type, substrate condition, service end use and environmental conditions. Always consult International Protective Coatings to confirm that Intercrete 4870 is suitable for the intended end use.

The detailed project specification provided by International Protective Coatings must be followed at all times.

Intercrete 4870 must be protected from freezing at all times during storage and transport. The recommended storage temperature is between 4°C (39°F) and 25°C (77°F).

This product will not cure adequately below 5°C (41°F). For maximum performance, curing temperatures should be between 5°C (41°F) and 35°C (95°F).

If the surface is exposed to strong sunlight and/or drying winds, a second coat of Intercrete 4870 should be applied while the first is still tacky. Normally, an overcoating interval of 15 minutes is required, however, this is dependent upon local environmental conditions.

Note: VOC values are typical and are provided for guidance purpose only. These may be subject to variation depending on factors such as differences in colour and normal manufacturing tolerances.

SYSTEMS COMPATIBILITY

Intercrete 4870 is normally applied as the final layer of an Intercrete repair and protection system.

Where there is a requirement for resistance to highly aggressive chemicals contact International Protective Coatings for specific recommendations.

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ADDITIONAL INFORMATION

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following documents available at www.international-pc.com:

- Definitions & Abbreviations
- Surface Preparation
- Intercrete 4870 Application Guidelines

Individual copies of these information sections are available upon request.

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 Material Safety Data Sheet and the container(s), and should not be used without reference to the Material Safety Data Sheet (MSDS) which International Protective Coatings has provided to its customers.

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.

PACK SIZE	Unit Size	Vol	Pack
	25 litre	25 litre	25 litre
For availability of other pack sizes, contact International Protective Coatings.			
SHIPPING WEIGHT (TYPICAL)	Unit Size		
	25 litre	27.19 kg	
STORAGE	Shelf Life	12 months minimum at 25°C (77°F).	

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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