

## Water Based Acrylic

### FORMERLY FLEXCRETE MONODEX TEXTURED

#### PRODUCT DESCRIPTION

A high quality, single component, low VOC, water-based, textured acrylic, protective and decorative coating for masonry surfaces. Based on an advanced micropolymer resin binder which cross-links to afford excellent durability, it effectively waterproofs the surface for many years, yet allows high levels of entrapped substrate moisture to escape without causing blistering or delamination. The resin-rich coating encapsulates the individual textured particles without leaving thin areas over particle peaks. It has an elastomeric formulation, bridging hairline cracks and facilitating substrate movement without cracking or flaking. It is available in a range of attractive colours, and an active biocide inhibits mould and lichen growth.

#### INTENDED USES

For use on internal and external walls for hiding surface defects and imperfections, providing a uniform appearance and improving the aesthetic appearance of buildings and other structures. Provides effective protection against water ingress, yet allows damp substrates to breathe and dry out without blistering.

CE-marked in accordance with BS EN 1504-2. Suitable for surface protection systems principles 2.2, 8.2 as defined in BS EN 1504-2.

#### PRACTICAL INFORMATION FOR INTERCRETE 4892

<b>Volume Solids</b>	74%			
<b>Density</b>	1.65kg/l (13.7lb/gal)			
<b>Practical Coverage</b>	2m <sup>2</sup> /litre per coat, 2 coats required. 15 litres will cover approximately 15m <sup>2</sup> on smooth, non-absorbent surfaces. Practical coverage will depend upon the surface profile and porosity of the area being coated and appropriate losses must be taken into consideration.			
<b>Method of Application</b>	Brush, Roller, Hopper gun			
<b>Shelf Life</b>	24 months at 20°C (68°F).			
<b>Pack Size</b>	15 litre packs			
<b>Drying Time</b>	Overcoating interval with self			
<b>Temperature</b>	<b>Touch Dry</b>	<b>Hard Dry</b>	<b>Minimum</b>	<b>Maximum</b>
10°C (50°F)	12 hours	24 hours	12 hours	Not applicable
20°C (68°F)	8 hours	16 hours	8 hours	Not applicable
30°C (86°F)	4 hours	8 hours	4 hours	Not applicable

#### COMPLIANCE AND CERTIFICATION

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

- CE-marked in accordance with BS EN 1504-2.
- Suitable for surface protection systems principles 2.2, 8.2 as defined in BS EN 1504-2.



## Protective Coatings

## Water Based Acrylic

### SPECIFICATION CLAUSE

The protective coating shall be a single component, textured acrylic, waterproof coating incorporating a micropolymer cross-linking resin binder. It shall be CE-marked in accordance with BS EN 1504-2, and shall comply with the following performance specification:

- Water vapour transmission no greater than 12g/m<sup>2</sup>/day in accordance with BS EN ISO 7783-2.
- Liquid water permeability no greater than 0.06kg/(m<sup>2</sup>.h0.5) in accordance with BS EN 1063-3:1998.
- No blistering, cracking or flaking after at least 2000 hours QUV-B weathering in accordance with EN 1062-11.

### SURFACE PREPARATION

#### Concrete

The areas to be treated must be free from unsound material, i.e. dust, oil, grease, corrosion by-products and organic growth. Mechanically remove surface laitance and any soft, sandy or flaking material. Use techniques to achieve the required degree of preparation, such as wet grit or water blasting or equivalent approved methods. Intercrete Concrete Repair Mortars must be allowed to cure for a minimum of 24 hours. Concrete and cementitious screeds or renders must be a minimum of 10 days old and preferably 28 days old.

### APPLICATION

#### Mixing

Intercrete 4892 is a one component product and should always be mixed thoroughly prior to use.

#### Air Spray (Conventional)

Recommended

Air-fed hopper guns or similar. Different textures can be achieved in conjunction with plastic rollers as detailed below.

#### Brush

Recommended

For brush application, use wide, soft nylon or bristle brushes.

#### Roller

Recommended

For roller application use heavy nap ¾" or 1" synthetic cover.

#### Work Stoppages / Clean Up

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.

## Water Based Acrylic

### PRODUCT CHARACTERISTICS

#### Priming

Ensure concrete substrate moisture content is less than 20% wood moisture equivalent. Apply Intercrete 4816 (formerly Flexcrete Bond-Prime) to prepared surfaces at a rate of up to 5m<sup>2</sup>/litre by brush, roller or airless spray. Ensure complete coverage; rough or porous surfaces will increase consumption.

#### Application

Apply Intercrete 4892 by brush, roller or hopper gun. For a lightly textured decorative finish, one coat may be applied. For full waterproofing or where a higher relief is preferred, two coats are recommended. Allow to dry for a minimum of 4 hours in ideal conditions until touch dry before applying a second coat.

CE mark applies to products manufactured at Tomlinson Road, Leyland, PR25 2DY England, under reference 2797-CPR-530942.

---

### APPLICATION TIPS

- If possible, complete work using only one batch number. As with any paint, avoid using different batches on the same elevation or inter-mix batches to ensure full continuity of colour.
- Rough, porous or irregular substrates will reduce coverage.
- Intercrete 4892 cannot be applied by airless spray equipment although other air-fed spray equipment may be used.
- Clean brushes and rollers occasionally during use.
- Clean spray nozzles regularly to avoid blockages.
- Curing/drying time is temperature dependent. See Page 1 for further details.
- The product is through-cured in 4-24 hours, dependent on ambient temperature.

## Water Based Acrylic

### TECHNICAL DATA / MECHANICAL CHARACTERISTICS

Standard and Property	BS EN 1504-2 Requirement	Result
EN 1542 Adhesive Bond (concrete)	$\geq 0.80$ MPa Crack bridging or flexible systems	2.90 MPa
EN ISO 7783-2 Water Vapour Permeability (Equivalent Air Layer Thickness)	Class 1 (Permeable) $S_D \leq 5$ m	$S_D = 1.71$ m
EN 1062-3 Liquid Water Transmission Rate (Capillary Absorption)	Class III (Low) $w \geq 0.1$ kg.m <sup>-2</sup> .h <sup>-0.5</sup>	$w = 0.06$ kg.m <sup>-2</sup> .h <sup>-0.5</sup> @ 240µm
BS 903 Part A2 Elongation at Break		1 coat 46% (nominal 400µm DFT) 2 coats 172% (nominal 800µm DFT)
BS 903 Part A2 Tensile Strength		1.40 Mpa
EN 1062-11 Accelerated Weathering		No blistering, cracking or flaking after 12,500 hours QUV-B weathering
EN 13501-1 Reaction to Fire	Euroclass	Euroclass F

**Note:** The properties given above are obtained from laboratory tests: results obtained from on-site testing may vary according to site conditions.

### 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](http://www.international-marine.com) or [www.international-pc.com](http://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.*

Copyright © AkzoNobel, 15/04/2019.

All trademarks mentioned in this publication are owned by, or licensed to, the AkzoNobel group of companies.

**[www.international-pc.com](http://www.international-pc.com)**