

## PRODUCT CHARACTERISTICS

Multi-purpose, low odour single pack water-based polyurethane coating, which is suitable for application in environments where solvents would be hazardous or have a detrimental affect upon the operating process or products.

The coating is very adaptable and user-friendly, short drying time provides optimum benefits of productivity and reduced downtime to both client and contractor.

Safe, easy to use coating, which does not yellow; may be formulated for walls or ceilings and is Ideal for hygienic environments.

The coating can be applied to concrete, metal, wood and stone surfaces.

Recommended for hospitals, public utilities, food processing industry (e.g. abattoirs) and clean-rooms (particularly electronics industry).

## PRODUCT DESCRIPTION

Single pack, water-based, isocyanate free poly-urethane/acrylic hybrid coating.

## PRODUCT INFORMATION

|                          |   |
|--------------------------|---|
| Colour:                  | Standard white (other colours available on request).  |
| Volume solids (v/v%):    | 42 ± 1%   |
| Typical thickness range: | DFT: 40 - 70 µ<br>WFT: 100 - 160 µ  |
| Theoretical coverage:    | WFT: 6.25m <sup>2</sup> /ltr @ 160 approx.<br>(dependent on surface roughness, porosity and complexity of structure). |
| Pack sizes:              | 5 and 20 ltrs   |

## APPLICATION DATA

|                     |   |                                    |                             |
|---------------------|---|------------------------------------|-----------------------------|
| Method:             | Brush, lambswool roller (preferred method for floor application) and spray. |                                    |                             |
| Thinner:            | Water (max 10% by volume) only for spraying if required.                    |                                    |                             |
| Cleaner:            | Clean water.  |                                    |                             |
| Pot life:           | Unlimited   |                                    |                             |
| Drying time @ 20°C: | <u>Touch Dry</u>  | <u>Hard Dry</u><br>(light traffic) | <u>Overcoating Interval</u> |
|                     | 30 - 40 mins  | 2 - 3 hrs                          | 1 hr min                    |

## SURFACE PREPARATION

When preparing concrete substrates for application, it is very important to ensure that surface laitance has been completely removed.

Method of preparation can either be by abrasive blasting (blastrack), scarifying or by acid etching.

For further information refer to application instruction or consult Chemco sales/ technical department.

## ENVIRONMENTAL CONDITIONS

Do **NOT** apply coating at temperatures below 10°C. Ideal conditions when coating may be applied are: -

Temperature: 10 - 30°C  
Relative humidity < 70%  
Efficient air supply or good ventilation is required for satisfactory cure.

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## SAFETY PRECAUTIONS

It is the policy of CHEMCO INTERNATIONAL to ensure that its products are handled and applied by professionally approved and skilled applicators.  
Application shall be carried out in accordance with instructions contained in this data sheet and referenced to CHEMCO INTERNATIONAL TECHNICAL SPECIFICATION MANUAL.  
CHEMCO INTERNATIONAL management are intent on ensuring all work is carried out in accordance with company HEALTH & SAFETY procedures and all materials are handled with due care to COSHH regulations and instructions.

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## STORAGE

Store in dry conditions (not less than 4°C or above 20°C).  
Keep away from direct heat source and sunlight.  
When not using the material always replace the lid on the container.

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## SHELF LIFE

At least 12 months when stored in sealed containers at temperatures of not less than 4°C or above 20°C.  
At any of the storage conditions refer to manufacturer for advice.

DISCLAIMER: The information contained herein is, to the best of our knowledge, accurate and current and is given in good faith without warranty. Users are deemed to have satisfied themselves independently as to the suitability of our products for their particular purpose. In no event shall Chemco International be liable for consequent or incidental damages.

East Shawhead Industrial Estate  
Coatbridge ML5 4XD  
Scotland United Kingdom  
Tel: +44 (0) 1236 606060  
Fax: +44 (0) 1236 606070  
Email: [sales@chemcoint.com](mailto:sales@chemcoint.com)  
Web Site: [www.chemcoint.com](http://www.chemcoint.com)