

# Durex® Concrete Sealer WB 25

## Acrylic Concrete & Masonry Sealer

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| <b>Description</b> | Durex® Concrete Sealer WB 25 Acrylic Concrete & Masonry Sealer is a single-component, water-based high-quality acrylic latex sealer. It is a versatile sealer, used for both exterior and interior applications. This product replaces solvent-borne acrylic sealers.   |
| <b>Uses</b>        | Durex® Concrete Sealer WB 25 Acrylic Concrete & Masonry Sealer is used as a high-quality dust-proofing cure & seal sealer for concrete, interlock paving stones, masonry and plasters.  |
| <b>Ideal For</b>   | <ul style="list-style-type: none"> <li>· Dust-proofing sealer for interior and exterior concrete substrates (new and old)</li> <li>· Concrete floors and pavement</li> <li>· Interlock bricks</li> <li>· Plasters, Venetian plasters and masonry</li> </ul>   |
| <b>Features</b>    | <ul style="list-style-type: none"> <li>· Water-based, safe and easy to handle. Non-flammable.</li> <li>· Very low odour and VOCs</li> <li>· LEED Compliant for indoor air quality</li> <li>· 25% solids by volume</li> <li>· Meets ASTM C309 Type 1</li> <li>· Increases stain resistance of floor</li> <li>· Dust-proofs new and existing substrates</li> <li>· Good leveling, flow and microform-free properties</li> <li>· Excellent adhesion to variety of substrates</li> <li>· Mildew resistance properties</li> <li>· Excellent UV resistance</li> <li>· Very good resistance to water, chemicals, alkali, chloride salts, diluted (&lt; 10% inorganic) and organic acids</li> </ul> |

### TECHNICAL DATA

| PHYSICAL PROPERTIES                |  |   |
|------------------------------------|--|---|
| Colour                             | Clear & Pigmented  |   |
| Resin Type                         | Water-Based Acrylic  |   |
| Coverage                           | Non-porous Concrete: 7.5 m <sup>2</sup> /L (300 ft <sup>2</sup> /gal) @ 2 mils DFT<br>Porous Concrete: 5 m <sup>2</sup> /L (200 ft <sup>2</sup> /gal) @ 2 mils DFT |   |
| Cure Time @ 23°C (75°F), 55% RH    | To touch/recoat: 45 - 60 minutes<br>Full cure: 12 hours  |   |
| pH Level                           | 8.0-9.50   |   |
| Reducer/Clean-up                   | Water  |   |
| PERFORMANCE PROPERTIES             |  |   |
| PERFORMANCE PROPERTIES             | TEST METHOD  | RESULTS   |
| Percent Solids                     | ASTM D7232-06  | 25 ± 2% (vol.)                                      |
| Viscosity (Brookfield) 23°C (75°F) | ASTM D2196   | 60 ± 5 KU   |
| V.O.C.                             | ASTM D3960<br>CPDH Std Mthd. V1.2  | 35 g/L<br>Compliant                                 |
| Specific Gravity                   | ASTM D333  | 1.02 ± 0.03 g/L<br>8.50 ± 0.5 lb/gal                |
| Adhesion of tile cement            | ASTM C1315   | > 165 psi   |
| Moisture Retention                 | ASTM C 156   | 0.36 kg/m <sup>2</sup> (film thickness: 2 mils DFT) |

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| <b>Packaging</b>           | Durex® Concrete Sealer WB 25 Acrylic Concrete & Masonry Sealer is packaged in 190 L (50 gal) drums, 18.9 L (5 gal) and 3.78 L (1 gal) pails. This product is available in multiple standard colours. Custom colour matching can also be attained at an additional cost. Please refer to the <i>Durex® Colour Selection Guide</i> for all available colour options. |
| <b>Storage Conditions</b>  | Store Durex® Concrete Sealer WB 25 Acrylic Concrete & Masonry Sealer in a dry, vented, waterproof location, stacked off the ground, out of direct sunlight and other detrimental conditions. Store liquid materials as ambient temperatures above 5 degrees C and below 35 degrees C. <b>KEEP FROM FREEZING.</b>   |
| <b>Surface Preparation</b> | All surfaces to be coated must be free of dirt, oils, and any other contaminants that may prevent proper adhesion of Durex® Concrete Sealer WB Acrylic Concrete & Masonry Sealer. Hard, glossy and non-porous surfaces should be mechanically abraded before coating application to improve adhesion.  |

## Application

Durex® Concrete Sealer WB 25 Acrylic Concrete & Masonry Sealer can be applied using a lint-free roller, spray gun or brush. Use a good-quality synthetic brush (75-100 mm) to paint floor edges first. Then use a lint-free 12.7mm (1/2 in.) nap roller to apply an even coat of Durex® Concrete Sealer WB 25 Acrylic Concrete & Masonry Sealer. Maintain a wet edge to prevent overlap marks and gloss differences. For spray applications, any type of airless sprayer is suitable. Durex® Concrete Sealer WB 25 Acrylic Concrete & Masonry Sealer is designed as a thin-build, one-coat system and is sufficient to protect the surface. However, for increased protection, additional coats can be used as desired. Please contact Durabond Technical Services for further information and recommendations. Recoat time between each coat is minimum one (1) hour and maximum twenty-four (24) hours. **Note:** Film formation of Durex® Concrete Sealer WB 25 Acrylic Concrete & Masonry Sealer is dependent on temperature and humidity. Minimum Film Formation Temperature is 10 degrees C and Maximum Relative Humidity is 60%. A lower temperature and higher humidity will result in a longer curing time.

## Clean-Up

Wash all tools and equipment immediately with warm water and mild detergent. Allow any unused product to harden in container and discard according to local regulations.

## Limitations

Do not use Durex® Concrete Sealer WB 25 Acrylic Concrete & Masonry Sealer if temperature is less than 10 degrees C and relative humidity is greater than 60%. Similar to any waterborne coatings, Durex® Concrete Sealer WB Acrylic Concrete & Masonry Sealer is not recommended to be used in wet environments, especially in floor coatings. Continuous pressurized water washing is not recommended.

## Health and Safety

Use under well-ventilated conditions with appropriate respirator approved for organic vapours and rubber gloves when handling the product. Avoid contact with eyes and prolonged contact with skin. If contact occurs, flush immediately with water and seek medical attention if irritation occurs. Harmful if swallowed. Do not induce vomiting. Drink 1-2 glasses of water or milk. Keep product out of reach of children. Read published Material Safety Data Sheet for additional information.

## Warranty

Durabond warrants this product is free of manufacturing defects, and will replace at no charge, provided it has been applied within 12 months of purchase, it has been installed for uses suitable for this product and in accordance with the manufacturer's instructions.

## Technical Services

Technical support is available upon request at [info@durabond.com](mailto:info@durabond.com). For the latest version of this data sheet, please visit our website at [www.durabond.com](http://www.durabond.com), call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Technical Coatings Ltd sales representative.

# DURabond

Technical Coatings Ltd

HEAD OFFICE  
55 Underwriters Road  
Scarborough, ON M1R 3B4  
T 416.759.4474 F 416.759.4470

MISSISSAUGA  
6178 Netherhart Road  
Mississauga, ON L5T 1B7  
T 905.565.9283 F 905.565.9365

EDMONTON  
14345 120<sup>th</sup> Avenue  
Edmonton, AB T5L 2R8  
T 780.451.6364 F 780.453.9056

[INFO@DURABOND.COM](mailto:INFO@DURABOND.COM)

[WWW.DURABOND.COM](http://WWW.DURABOND.COM)

1.877.DURABOND (387.2266)

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