

# Durex® Dur-A-Seal XL 250

## Clear Acrylic Concrete & Masonry Sealer

<b>Description</b>	Durex® Dur-A-Seal XL 250 Clear Acrylic Concrete & Masonry Sealer is a one-component, clear xylene-based, acrylic copolymer sealer.
<b>Uses</b>	Durex® Dur-A-Seal XL 250 is used primarily to seal Durex® Art-I-Stone when the application is carried out on exterior surfaces, both vertical and horizontal. It effectively seals against the ingress of water and it protects the colour and texture of the Durex® Art-I-Stone. Its superior wear resistance and ability to withstand chlorides make it ideally suited for protection of exterior pedestrian traffic areas such as walkways, concrete decks, verandas, stairs, and pool decks.
<b>Ideal For</b>	<ul style="list-style-type: none"> <li>· Walkways</li> <li>· Concrete decks and verandas</li> <li>· Concrete stairs</li> <li>· Pool decks</li> </ul>
<b>Features</b>	<ul style="list-style-type: none"> <li>· Extremely resistant to weathering effects and provides a uniform, easy-to-clean surface for walls and floors</li> <li>· Breathable coating; liquid water will not pass through the coating but water vapour can vent to the atmosphere within the coated surface</li> <li>· Resistant to a wide range of weak acidic and alkaline solutions</li> <li>· Good inter-coat adhesion allows for repair and re-coating after cleaning</li> </ul>

### TECHNICAL DATA

#### PHYSICAL PROPERTIES

<b>Solvent Base</b>	Alcohol
<b>Active Ingredients</b>	40%
<b>Viscosity</b>	5-10 cps
<b>Specific Gravity</b>	0.83
<b>Toxicity</b>	Skin irritant
<b>Colour &amp; Finish</b>	Clear, invisible
<b>Flammability</b>	Flammable
<b>Flash Point</b>	65°C
<b>Coverage</b>	Concrete Floors: 4.3m <sup>2</sup> /L (175 ft <sup>2</sup> /gal) Walls & Buildings Envelope: 5.0m <sup>2</sup> /L (204 ft <sup>2</sup> /gal)

#### PERFORMANCE CHARACTERISTICS

Approved by Alberta Transportation & Utilities for use on traffic-bearing surfaces such as bridge decks and parking garage decks. Tested in accordance with Alberta Transportation's Sealer Specification B388-88.

<b>Sealer Classification</b>	Type 1A – Coverage: 5.4 m <sup>2</sup> /L (220 ft <sup>2</sup> /gal) Type 1B – Coverage: 4.3 m <sup>2</sup> /L (175 ft <sup>2</sup> /gal)
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**Packaging** Durex® Dur-A-Seal XL 250 is packaged in 22.5 L (5 gal) pails. This product is available in clear.

**Storage Conditions** Store Durex® Dur-A-Seal XL 250 in a dry, vented, waterproof location, stacked off the ground, out of direct sunlight and other detrimental conditions. Store liquid materials in ambient temperatures above 5 degrees C and below 35 degrees C. **KEEP FROM FREEZING.**

**Coverage** Durex® Dur-A-Seal XL 250 should be applied in two coats. Typical spreading rates are as follows:

<b>Smooth, dense concrete</b>	Two (2) coats each of 5.8 m <sup>2</sup> /L (290 ft <sup>2</sup> /gal)
<b>Porous block or brick</b>	Two (2) coats each of 3.2 m <sup>2</sup> /L (160 ft <sup>2</sup> /gal)

*Actual coverage will vary depending on the porosity and composition of the substrate(s). A test sample should be applied to establish practical coverage on the actual substrate.*

**Curing Schedule** Durex® Dur-A-Seal XL 250 can be applied down to 10 degrees C (50°F) with a drying time of approximately 60 minutes. Drying time decreases with increasing temperature. At 25 degrees C (77°F), drying time is approximately 30 minutes. A special formulation can be supplied to allow application down to 0 degrees C (32°F).

**Surface Preparation** All substrates must be properly cleaned before the application of any sealer. A substrate clogged with

dirt or oil is not suitable for sealer application. Building envelopes are rarely dirty enough to make preparation necessary. Protect surrounding area from over-spray and rundown.

**Mixing Instructions** Durex® Dur-A-Seal XL 250 must be stirred thoroughly to disperse flattening agents throughout the resin. Stir frequently during use. Do not dilute.

**Application** Apply evenly in a two-coat application, using brushes for corners and difficult to reach areas, and short-nap rollers for larger areas. First coat must be tack-free before applying subsequent coat(s). Durex® Dur-A-Seal XL 250 is moisture sensitive and must be applied on a dry substrate.

**Clean-Up** Clean all tools promptly after each use with xylene or toluene.

**Health and Safety** Safety glasses with side shields must be worn when applying this product. Use under well-ventilated conditions with appropriate respirator approved for organic vapours, protective clothing 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.

**Caution** Durex® Dur-A-Seal XL 250 is extremely flammable and has a potential explosion hazard. There must be no open lights or flame, sparking motors or pilot lights in the vicinity. Smoking near the solvent is strictly prohibited. When pouring liquid, attach a static line (battery jumper cable) from pouring container to receiving container. No source of ignition should be present.

**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.



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