

# Durex® Dur-X-Cel Primer

## Exterior-Grade Primer for Concrete and Masonry

<b>Description</b>	Durex® Dur-X-Cel Primer is a flat 100% acrylic-based primer.
<b>Uses</b>	Durex® Dur-X-Cel Primer is used as a premium quality primer for exterior masonry and concrete surfaces. It can be pigmented to match almost any colour. This product is used as a primer for all Durex® Architectural Finish Coatings.
<b>Features</b>	<ul style="list-style-type: none"> <li>. Exceptional exterior durability</li> <li>. Excellent water repellency – protects wall from moisture penetration</li> <li>. Breathable coating – allows water vapour within the wall system to evaporate</li> <li>. Excellent adhesion to substrate</li> <li>. Abrasion resistant</li> <li>. Colourfast – no colour change under UV rays</li> </ul>

### TECHNICAL DATA

#### PHYSICAL PROPERTIES

<b>Product Type</b>	Water-based acrylic coating
<b>Appearance</b>	Dense paint-like consistency
<b>Viscosity</b>	100 – 150 cps – ASTM D2196
<b>pH Level</b>	9.0 – 9.5
<b>Toxicity</b>	Non-toxic
<b>Density</b>	1.18-1.30 Kgs/lit
<b>Coverage</b>	One coat: 7m <sup>2</sup> /L (280ft <sup>2</sup> /gal) Two coats: 3.5 m <sup>2</sup> /L (160 ft <sup>2</sup> /gal) Coverage will vary according to the porosity of the substrate, colour of original substrate and colour of the Durex® Dur-X-Cel Primer to be applied. A test sample should be applied to establish practical coverage on the actual substrate.

PERFORMANCE PROPERTIES	METHOD	RESULT
<b>Consistency</b>	ASTM D562	105 KU
<b>Fineness of Grind</b>	ASTM D1210	3 Hegman, 58 Microns
<b>Alkali Resistance</b>	ASTM D1308	Pass
<b>Water Vapour Permeance</b>	ASTM E96	1460 ng/Pa.s.m <sup>2</sup> (25.5 Perms)
<b>V.O.C.</b>	40 CFR 59.406	< 50 g/lit (<0.42 lbs/gal)
<b>Freeze-Thaw Stability</b>	ASTM C67	Pass 50 cycles
<b>Flexibility</b>	ASTM D522	Pass
<b>% Solids</b>		58% +/- 2%
<b>UV Exposure</b>		No cracking
<b>Mildew Resistance</b>	ASTM D3273	No growth

**Packaging** Durex® Dur-X-Cel Primer is packaged in 18.9 L pails. This product is available in multitude of standard colours and Custom colour matching is available upon request. Please refer to the *Durex® Colour Selection Guide* for all available colour options.

**Storage Conditions** Store Durex® Dur-X-Cel Primer 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** Coverage will vary according to the porosity of the substrate, the colour of the original substrate, and the colour of the Durex® Dur-X-Cel Primer to be applied. Average coverage rates are as follows:

- One Coat** 7m<sup>2</sup>/L (280ft<sup>2</sup>/gal)
- Two Coats** 3.5 m<sup>2</sup>/L (160 ft<sup>2</sup>/gal)

**A test sample should be applied to establish practical coverage on the actual substrate.**

<b>Application</b>	DO NOT SUBSTITUTE NOR COMPENSATE DUREX® DUR-X-CEL PRIMER WITH WATER OR OTHER ADDITIVES. Substrate to be treated must be dry, clean and sound, free of weak and powdery surfaces, free from ice, snow, dew, frost, oil, grease and/or other deleterious materials detrimental to a positive bond. Please contact Durabond for questionable surfaces. Thoroughly stir Durex® Dur-X-Cel Primer in its own pail before each use. Discard all frozen materials, materials that have formed solid lumps at the bottom of the container, and materials that do not appear to be of a homogenous viscosity. Using a 15 mm to 30 mm pile roller, dip it into stirred pail of material. Apply the primer with several passes of the roller, evenly spreading the primer over the entire substrate surface. Allow a minimum of 24 hours for drying between coats.
<b>Cleaning</b>	Clean all tools promptly after each use with clean water. Do not allow material to dry on tools. Durex® Cleaning Solution CS-100 is available to aid cleaning of soiled areas where primer as dried.
<b>Limitations</b>	Not recommended for use when ambient, surface and material temperatures are less than 5 degrees C during application and curing periods. Do not apply over surfaces where oils and other contaminants are present, or over previously treated surfaces without proper preparation. Avoid application of this product under hot sun and/or high humidity conditions.
<b>Health and Safety</b>	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.
<b>Warranty</b>	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.
<b>Technical Service</b>	Technical support is available upon request at <a href="mailto:info@durabond.com">info@durabond.com</a> . For the latest version of this data sheet, please visit our website at <a href="http://www.durabond.com">www.durabond.com</a> , call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Technical Coatings Ltd sales representative.



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V3.01