

# Durex® Epotel Multi-Prime

## 100% Solids Epoxy Flooring Primer

- Description** Durex® Epotel Multi-Prime 100% Solids Epoxy Primer is a two-component, solvent-free, low-viscosity-penetrating epoxy primer for interior and exterior concrete floors. It is specially formulated as a durable, highly penetrating primer for a variety of flooring applications.
- Uses** Durex® Epotel Multi-Prime 100% Solids Epoxy Primer is designed for use with Durex® brand epoxy, urethane and acrylic floor coatings to enhance adhesion, increase durability and extend coverage rates. It is an ideal primer for new concrete surfaces, chalky surfaces and/or surfaces which have been previously coated.
- Ideal For**
- Primer for a variety of Durex® Flooring Systems
  - Pharmaceutical laboratories and clean rooms
  - Chemical processing plants
  - Food processing plants, including meat/poultry processing and dairy manufacturing
  - Hospitals and medical centres
  - Commercial kitchens and restaurants
  - Change rooms and wet areas
- Features**
- Canadian Food Inspection Agency approved, USDA accepted
  - Zero VOCs, odourless, solvent free and non-tainting
  - 100% solids
  - Highly penetrating formula
  - Prevents off-gassing of subsequent coatings
  - Resistant to organic and inorganic chemical compounds and bacterial growth
  - May be applied at low temperatures (5 degrees C)

### TECHNICAL DATA

PHYSICAL PROPERTIES	
<b>Colour</b>	Please see <i>Durex® Colour Selection Guide</i> for available colour options.
<b>Resin Type</b>	Epoxy
<b>Coverage</b>	5 m <sup>2</sup> /L (200 ft <sup>2</sup> /gal) @ 8 mils
<b>Mix Ratio</b>	Part A (Resin) : Part B (Catalyst) 2:1 by volume
<b>Cure Time @ 23°C (75°F)</b>	To recoat: 3-4 hours To touch: 6 hours Light traffic: 8 hours Fully cured: 5 days
<b>Pot Life – working time @ 23°C (75°F)</b>	30 minutes
<b>Reducer/Clean-up</b>	or Xylene
<b>V.O.C.</b>	0 g/L

PERFORMANCE PROPERTIES	TEST METHOD	RESULTS
<b>Percent Solids</b>	ASTM D7232-06	100%
<b>Viscosity (Brookfield) 23°C (75°F)</b>	ASTM D2196	430 cps (clear) 750 cps (pigmented)
<b>Specific Gravity</b>	ASTM D333	1.28 (Pigmented) 1.06 (Clear)
<b>Compressive Strength</b>	ASTM 695-85	10,150 psi
<b>Tensile Strength</b>	ASTM 695-85	6,860 psi
<b>Bond Strength</b>	ASTM C1583	217 PSI (1.5 MPa) <i>Failure at Concrete</i>
<b>Elongation</b>	ASTM D638-86	8.0%
<b>Flexural Strength</b>	ASTM D790-86	10,800 psi (75 MPa)
<b>Abrasion Resistance</b>	ASTM D4060-90	0.033
<b>Mar Resistance</b>	ASTM D5178-91	1.0 kg
<b>Shore D Hardness</b>		85

<b>Packaging</b>	Durex® Epotel Multi-Prime 100% Solids Epoxy Primer is packaged as a kit (Part A & B) in 56.7 L (15 gal), 18.9 L (5 gal) and 3.78 L (1 gal) units. 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® Epotel Multi-Prime 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 10 degrees C and below 35 degrees C. <b>KEEP FROM FREEZING.</b>
<b>Surface Preparation</b>	Surfaces to be primed shall be shot-blasted and cleaned of debris or other materials deleterious to adhesion. New concrete and masonry mortar shall be allowed to cure for a minimum of 21 days. Clean surfaces with a wire brush and/or power washer to remove dirt, loose materials and debris. Allow surfaces to thoroughly dry prior to application.
<b>Mixing Instructions</b>	Durex® Epotel Multi-Prime 100% Solids Epoxy Primer is supplied as a kit based on mixing ratio. Mixing shall be carried out in clean, rust-free containers, and mixed by a power drill at 400-500 rpm maximum. Mix two (2) parts by volume of Part 'A' resin and one (1) part by volume of Part 'B' curative (catalyst). Blend the mixture for at least two (2) minutes using a power mixer. Durex® Epotel Multi-Prime 100% Solids Epoxy Primer must be applied immediately for best results.
<b>Application</b>	THOROUGHLY MIX PRIOR TO USE. DO NOT DILUTE WITH WATER OR OTHER ADDITIVES. Apply materials at ambient temperatures above 5 degrees C. Apply by squeegee or roller to a thickness of 5 mils. Back-roll to ensure complete coverage. Durex® Epotel Multi-Prime 100% Solids Epoxy Primer is designed as a one-coat system.
<b>Clean-Up</b>	Wash tools and equipment immediately after use.
<b>Health and Safety</b>	Use under well-ventilated conditions with 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 Services</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.

# 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)

V2.01