ECO-POXY is an advanced environmentally friendly two-component, 100% solids epoxy coating system.

ECO-POXY contains no VOC’s (volatile organic compounds) solvents, water, or harmful fumes and is virtually odourless.

ECO-POXY is designed to provide a superior functional and decorative coating with strong chemical resistance, high mechanical strength, excellent adhesion and durability. These properties protect the substrate from wear, chemical attack, stains and mechanical stress while delivering a beautiful porcelain like high gloss finish in a very cost effective manner.

**TYPICAL APPLICATIONS**

- Warehouses • Aircraft Hangars
- Distribution Centres • Commercial Floors
- Garage Floors • Schools & Institutions
- Anti-Slip Floors • Breweries & Canneries
- Industrial & Manufacturing Facilities
- Hospitals & Laboratories • Basement Floors
- Chemical & Pharmaceutical Plants
- Office & Retail Floors
- Colour Flake System available

**ECO-POXY**

100% SOLIDS EPOXY COATING

**ENVIRONMENTALLY FRIENDLY**

**VIRTUALLY NO ODOUR**

**NON-FLAMMABLE**

**LONG TERM PROTECTION**

**ENHANCES LIGHTING**

**SUPERIOR DURABILITY**

**PLAIN OR DECORATIVE**

**PETROLEUM & CHEMICAL RESISTANT**

CANADIAN FOOD INSPECTION AGENCY APPROVED COATING
TECH DATA

Sheen ........................................... High Gloss
Compressive Strength ......................... 14,225 PSI, 7 days
Flexural Strength ................................. 11,400 PSI, 7 days
Tensile Strength ................................. 6,830 PSI, 7 days
Mixed Pot Life ................................. 45 minutes
Drying Time ....................................... 16 to 20 hours
Mil Thickness ................................. 20 mil, two coats
Fully Cured .......................................... 7 days
Volume ............................................. 100% solids
Solvents ............................................. nil
Water ................................................. nil
Shelf Life ............................................. 2 years

SURFACE PREPARATION

ECO-POXY should be applied only to clean, dry, sound substrate which is free from oil, grease, wax, foreign materials and flaking or peeling paint. Clean and prepare concrete surfaces mechanically or clean with an effective degreaser, rinse thoroughly and allow to completely dry prior to application.

APPLICATION METHOD

Apply ECO-POXY to dry, clean, well-prepared surfaces using squeegee, high quality lint free low pile roller or a standard brush. Allow 20 hours before applying a second coat.

MIXING DIRECTIONS

Do not mix the two components until you are ready to begin application. Once mixed, the coating MUST be applied within 45 minutes. To mix, pour contents of PART-B container into the PART-A container and agitate thoroughly for at least three minutes.

ABRASION TESTING

ECO-POXY has been tested by an independent laboratory for abrasion resistance relative to four different concrete floor coatings. Each of two coating were applied using a 5mm pile roller so as to smooth concrete stones and subsequently allowed to air cure at room temperature. Abrasion tests were conducted for both 48 hour and 7 day intervals from the time of the application of the second coat.

Abrasion testing was performed on a standard Gardner-style scrub tester using diamond grit #220 wet abrasion paper. Test surfaces were kept wet by periodic water spray and the abrasive paper was changed every 1000 cycles. Cycles to fail indicate the number of abrasive cycles to wear through the coating film and expose a minimum of one square inch of the test concrete surface.

ECO-POXY

EASY TO APPLY

OFFICES

FOYERS & ENTRANCES

WOESROOMS

HIGH GLOSS FINISH

COLOUR FLAKE & NON-SLIP AVAILABLE

BOILER & MECHANICAL ROOMS

UNLIMITED APPLICATIONS

WAREHOUSES & FACTORIES

ECO-POXY 100% SOLIDS

Cycles to Fail

<table>
<thead>
<tr>
<th>REAGENT</th>
<th>3 HOURS</th>
<th>24 HOURS</th>
<th>3 DAYS</th>
<th>7 DAYS</th>
<th>28 DAYS</th>
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<tbody>
<tr>
<td>WATER</td>
<td>EXCELLENT</td>
<td>EXCELLENT</td>
<td>EXCELLENT</td>
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<tr>
<td>ROAD SALT</td>
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<td>ETHANOL</td>
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<tr>
<td>MEK</td>
<td>EXCELLENT</td>
<td>GOOD</td>
<td>MODERATE</td>
<td>-</td>
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<tr>
<td>10% SULFURIC ACID</td>
<td>EXCELLENT</td>
<td>EXCELLENT</td>
<td>GOOD</td>
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<tr>
<td>50% SODIUM HYDROXIDE</td>
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<tr>
<td>10% SODIUM HYDROXIDE</td>
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COATINGS

<table>
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<tr>
<th>WATER</th>
<th>AFTER 48 HOURS</th>
<th>AFTER 7 DAYS</th>
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<tr>
<td>48</td>
<td>128</td>
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<tr>
<td>SOLVENT BASED ALKYD FLOOR PAINT</td>
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<td>64</td>
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<tr>
<td>SOLVENT BASED URETHANE</td>
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<td>144</td>
<td>224</td>
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<td>TWO PART WATER BASED EPOXY</td>
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<tr>
<td>336</td>
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<td>TWO PART SOLVENT BASED EPOXY</td>
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<td>5,912</td>
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<tr>
<td>ECO-POXY 100% SOLIDS</td>
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</table>

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2 L/2 qt Kit (covers 18 m²/200 ft² max) • 4 L/1 gal Kit (covers 37 m²/400 ft² max) • 16 L/4 gal Kit (covers 148 m²/1600 sq ft max)

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