

CIPADOR® EV-10

Chemical Resistant Epoxy Wall Coating

DESCRIPTION

CIPADOR® EV-10 is a 100% solids two component epoxy wall coating with excellent all around chemical resistance.

WHERE TO USE

CIPADOR® EV-10 is designed for protecting concrete or steel surfaces such as, walls, pump bases, pads, piers, supporting foundations, clarifiers, process areas, steel columns and supports. May also be used to coat drywall (a third coat may be required for drywall). It is recommended for use in manufacturing facilities, warehouses, laboratories, steel and metal refinery, food and meat packaging, breweries, chemical and pharmaceutical plants.

BENEFITS

- 100% solids with no offensive odors, zero voc's
- excellent bond to concrete and steel
- outstanding chemical resistance
- fast setting and easy to apply
- available in a wide range of colors
- apply by brush or roller
- approved by Canadian Food Inspection Agency

Handling Properties

Mix Ratio, by volume	3 parts A: 1 part B
Solids Content	100%
Mixed Weight (Density) ..	1.6kg/litre (13.1 lb./US gal.)
Viscosity (mixed)	
@ 23°C (74°F)	thixatrope paint like consistency
Pot Life @ 23°C (74°F)	30 minutes
Thin film set time @ 23°C (74°F)	6-8 hours
Full Cure	7 days

DATA - Cured Film

Tensile Adhesion	Concrete Failure (ASTM D4541)
Hardness (Shore D Scale)	80 (ASTM D2240-86)
Abrasion Resistance (ASTM D4060)	130 mg loss
Taber Abrasion, C-17 wheel, 1000 cycles	
Impact Resistance	130 in./lb. (ASTM D2794)

The above information is representative of typical values obtained under laboratory conditions. Variations can be expected due to on site conditions and/or other testing methods.

APPLICATION

SURFACE PREPARATION

New concrete must be cured for a minimum of 28 days before applying CIPADOR® EV-10. The substrate must be above 10°C (50°F) and must be free of all dirt, waxes, previously applied coatings, oil, grease, laitance and any foreign matter that may interfere with the bond of the coating to the prepared substrate. Cracks and surface defects should be repaired prior to the application of the coating. All concrete and steel surfaces to be treated should be cleaned to provide a clean tooth for the coating application.

MIXING

CIPADOR® EV-10 must be conditioned to a temperature of between 20°-30°C (68°-80°F) prior to mixing. The mixing equipment used to mix the coating must be clean and free of any contaminants that may be present in the equipment from previously used products. Mix component A first to eliminate the possibility of settlement. Add Part "B" hardener to Part "A" base container and mix until uniform. A 'Jiffy Mixer' on a slow speed drill is the preferred method of mixing. Mix the blended components for a **minimum** of 2 minutes, and place material immediately.

APPLICATION

Pour a workable amount of the mixed material into a paint tray and apply to the surface using a lint free 5 mm nap roller. Care should be taken not to over roll the material as air may become entrapped in the coating. Two coats are recommended. Apply the second coat in the same manner as the first. The second coat must be applied within 24 hours. If applied after 24 hours, the first coat must be sanded prior to application of the second coat.

LIMITATIONS

- do not apply CIPADOR® EV-10 if the substrate and ambient temperature are below 10°C (50°F)
- do not apply to a saturated surface
- lighter colors may slightly discolor when exposed to light (normal for epoxy coatings)

COVERAGE

Based on 10 mils per coat
4m²/Litre (160 Ft²/U.S. gallon)

NOTE: A minimum of 2 coats is required at 10 mils per coat.

PACKAGING

CIPADOR[®] EV-10 is packaged in:
15 litre / 3.95 U.S. gallon units
(Custom colors subject to minimum quantity)

CLEAN UP

Clean all equipment and installation tools immediately with CPD[®] Xylol. Read the Safety Data Sheet for these products prior to use.

STORAGE

Store in a heated warehouse. Do not freeze.

SHELF LIFE

One year from the date of manufacture if kept in original unopened containers under normal heated warehouse conditions.

SAFETY PRECAUTIONS

Consult Safety Data Sheet for specific instructions.
SDS #220 + 221.

WARRANTY

The recommendations made and the information herein is based on our own and independent laboratory experience, and is believed to be accurate under controlled conditions. However, no warranty or guarantee of accuracy is made because we cannot cover every possible application of product nor anticipate every variation encountered in weather conditions, job conditions, methods used and types of surfaces on which the product is applied. The users shall make their own tests to determine the suitability of such products for any particular purpose.

CPD[®] makes no warranties with respect to this product, expressed or implied, including, without limitation, the implied warranties of merchantability or fitness for a particular purpose.

CPD[®]'s liability shall be limited in all events to supplying sufficient product to re-treat and/or repair the specific area to which the CPD[®] product has been applied. CPD[®] reserves the right to have the true cause of any difficulty determined by accepted test methods. CPD[®] shall have no other liability, including liability for incidental, consequential or resultant damages, however caused, whether due to breach of warranty, negligence, or strict liability.

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EXTENDED BY REPRESENTATIVES OF CPD[®],
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