



DeCara, Inc.
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1. PRODUCT NAME

EPO COAT ZR

HIGH SOLIDS
CORROSION
RESISTANT
ZINC RICH
COATING

2. MANUFACTURER

DeCara, Inc. dba Dynamis
415 E. Venice Avenue
Venice, Florida 34285

3. PRODUCT DESCRIPTION:

BASIC USES: EPO Coat ZR is a zinc rich epoxy coating for rust and corrosion control on metal surfaces. The presence of zinc in this coating, combined with the strength and adhesion of the epoxy coating system provides a tough barrier against weather, salt and abrasion. It also provides cathodic protection. It is available in 1-quart kits and will cover approximately 30 – 40 sq. ft. Each 1-quart kit consists of 1 pint Component A, 1 pint Component B and 1.5 lbs. of powdered zinc.

APPLICABLE STANDARDS: Steel Structure Painting Council Specification SSPC #20, Type 2.

4. SURFACE PREPARATION:

Surfaces to be protected should be free from grease, oil, rust and old coatings. This may be done by solvent (lacquer thinner) washing, sand blasting, grinding or power-wire brushing as required.

5. PHYSICAL PROPERTIES:

Vehicle:	Catalyzed epoxy
Pigment:	Metallic zinc
Solids:	87 ±1
Pot Life (1 Quart mix):	Approximately 2 hours
V.O.C.:	87 gram/liter, minimum

6. MIXING AND POT LIFE:

EPO Coat ZR is supplied as a 3-component package. Blending the contents of the three components yields one quart of material. **Stir Component A and Component B prior to combining.** Care should be taken to scrape the sides and bottom of mixing containers. After combining, thoroughly mix Component A and Component B. Slowly add the zinc dust,



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Component C, with good agitation. Allow to stand (sweat-in) for approximately 20 – 30 minutes, re-stir and apply. The prepared mixture has a pot life of approximately 2 hours at 70° F. Higher temperatures and larger mix quantities will shorten pot life.

APPLICATION: Following mixing, EPO Coat ZR may be applied by brush, small roller or spray. If sprayed, thinning with good commercial grade lacquer will be required. Thinned coating must be shaken or stirred intermittently, as zinc will have a tendency to settle. Do not apply to surface temperatures less than 50° F. EPO Coat ZR may be painted after a cure time of 24 hours.

EQUIPMENT CLEAN UP: Clean tools and equipment immediately with Acetone, M.E.K., Xylene or lacquer thinner. Do not allow epoxy to set hard on tools and mixing equipment.

PRECAUTIONS: Flammable. Keep away from heat or open flame and pilot lights. Avoid prolonged contact with skin and breathing of vapor or spray mist. Use with adequate ventilation. Keep out of reach of children. **Store at room temperature. Keep from freezing.**

7. AVAILABILITY

EPO Coat ZR is available from:

DeCara, Inc. dba Dynamis
415 E. Venice Ave.
Venice, FL 34285
941/488-3999
800/828-8929
FAX# 941/488-0747
www.dcdynamis.com

8. GUARANTEE

The manufacturer warrants that the material meets specifications listed, and limits any warranty to the replacement of materials only.

The information contained in this specification is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use of this data or product. This information is furnished and the product sold upon the condition that the person receiving it shall make his own test to determine the suitability of the material for his particular purpose.

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