

**“High-hide elastomeric coating protection, environmentally engineered to provide resilient long-term water resistance and flexibility, for overall weatherability performance”.**

## Product Information

IMRAE **CoatMasters®** Elastomeric Coating is a hybrid polymeric system of Acrylic and Silicone System designed to provide a flexible and resilient film surface with excellent water resistance. The coating upon cure leaves no tack residue or imprints, ideal for heavy or large precast application requiring mechanical lifting and/or movement. The coating also exhibits a high degree of UV stability and will not soften upon exposure to continuous water contact.

IMRAE **CoatMasters®** Elastomeric Coating can be applied on both above and below ground for positive side applications to help protect water penetration onto the surface with minimal moisture diffusion onto coated surfaces.



IMRAE **CoatMasters®** Elastomeric Coating can be easily applied, by either roller or spray, for quick set-up and clean-up operation.

## Meets ASTM Testing on Coating Film Performance Characteristics.

- ASTM D2370 Elongation 200% minimum
- ASTM D1653 Water Vapor Permeance, (30 perms @ 8-10 mils DFT)
- ASTM D522 Flexibility (Pass 1/8" mandrel)
- ASTM D3273 Mildew Resistance (No Growth)
- ASTM D1630 Dry Time (10-12 wet film thickness)
  - 30-60 minutes – tack free
  - 4 – 6 hrs. – dry hard
  - 24 hrs. – dry through
- ASTM D4400 Sag-Test (30 mils wet film thickness)
- ASTM D7234 Pull-Off Strength (Concrete: 100% Cohesive Break) Minimum: 200 PSI smooth surface

## Environmentally and Regulatory Compliant Coating

Growing environmental consciousness and regulations demands low VOC on various coatings in general. **CoatMasters®** Elastomeric Coating meets Rule 1113 of the SCAQMD.

## Performance Characteristics

Additional benefits as a coating:

- Can be applied after 24-hours on freshly de-molded concrete.
- Breathable dry film, recommend to apply when surface moisture is below 15% on concrete or cementitious surfaces.
- Flexible film coating provides excellent adhesion even to other incidental surfaces, such as wood or metal.
- High-film durability from expansion to contraction
- Dry-film water resistance up to 7-days at 100% RH
- Multiple coatings can be applied to build up thickness, from 8-20 mils dry-film thickness with no delamination or sagging.
- Highly UV stable will not change color even up to long-term.
- VOC compliant < 50 grams / liter meets AQMD Rule 1113 for flat coatings.

For more product information, please review Technical Data Sheet (TDS), on coverage, preparation, and application. For handling, regulatory compliance, and disposal instructions please read Safety Data Sheet (SDS) for details.



## Product Packaging

All **CoatMasters®** Elastomeric products are available in 5-gallon, 55-gallon, and 275-gallon totes only.

## Disclaimer

The information and recommendations made are on our own studies and research that are believed to be accurate. However, no guarantee of accuracy is given mainly due to variations caused by actual application and substrate conditions of the material used. The customer must conduct appropriate testing to ensure compatibility and suitability for all its intended use.

## TECHNICAL DATA SHEET

### PRODUCT DESCRIPTION:

CM Elastomeric Coating is an advanced Acrylic - Silicone hybrid polymeric formulation of low VOC designed for above water grade coating application on concrete, stucco, masonry type substrates, modified bitumen, and rigid polyurethane foam ply, and rigid PVC materials. This elastomeric coating also provides excellent adhesion on incidental applications on metal and wood substrates.

CM Elastomeric Coating is a high solids system and provides a seamless durable coating, superior adhesion to a variety of substrates, contains fungicide and mildewcide protection, UV protection especially for epoxy and polyurethane coating substrates, heat reflective properties saving cooling costs, and provides high water resistance and vapor permeability. The CM Elastomeric Coating comes on standard white color and can be custom color matched according to desired customer's specifications.

### TECHNICAL DATA:

Polymer Type: Acrylic-Silicone Hybrid  
Viscosity: 80-90 KU's  
Weight per Gallon (WPG): 11.0 +/- 0.20  
Solids by Weight: 64 +/- 2%  
Solids by Volume: 55 +/- 2% 80%  
Elongation: 200% (minimum)  
Shelf Life: 1-Year

Meets Federal and State VOC limit requirements for volatile organic components (VOC). Complies with South Coast Air Quality Management District (SCAQMD) VOC limit.

### LEED POINT CREDITS

MR Credit 5.1: Regional Materials: 10% Extracted, Processed & Manufactured Regionally – 1 Point  
MR Credit 5.2: Regional Materials: 20% Extracted, Processed & Manufactured Regionally - 1 Point in addition to MR Credit 5.1  
Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% (based on cost) of the total materials)

EQ Credit 4.2: Low-Emitting Materials: Paints & Coatings - 1 Point Do not exceed the VOC content limits established in South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, rules in effect on January 1, 2004.

### AREA COVERAGE:

Various substrates have different porosity conditions, and the estimated coverage spread for a gallon is based on actual testing. Actual test results may vary depending on actual porosity condition of the substrate applied. The list below provides the area coverage in square feet (sq. ft.) for 1-gallon of CM Elastomeric Coating.

General Smooth Concrete Surfaces: 70 – 100 square feet / gal  
Application Thickness: 8 – 10 mils DFT (dry-film thickness)  
Dry-hard: 24-hours

### SURFACE PREPARATION:

The surface to be applied must be free from any dirt or any type of foreign materials that will impair bonding to substrate. CM Elastomeric Coating is specifically designed to have excellent adhesion properties with other CoatMasters product (please contact Technical Service Support for guidance) and does not provide warranty with other coating or paint products. Always check the test substrate for adhesion performance prior to applying the product. Curing will not cause any adhesion failures on other top coating films, always test to ensure compatibility.

CM Elastomeric Coating must be used as-is, DO NOT THIN WITH WATER or OTHER SOLVENTS, doing so shall void warranty if contaminated/mixed with un-approved material. Use of material requires knowledge of standard safety practices and good protection for areas being applied. Keep children and pets away from work area. Maintain good air ventilation if used indoors. The material is ideally applied in fairly ambient temperatures below 100°F. If planned to use in warmer conditions, spray application would help ensure better spread coverage. Not recommended to be applied below 40°F, or when rain is imminent, substrate moisture must not exceed 3% on surface prior to application.

### PRODUCT APPLICATION:

For spray applications, the product can be both applied either by spray atomization or airless techniques. Please follow recommended spray pressure application and optimize when desired coating is achieved when using either fan or cone tips. Airless or Assisted Air Sprayers: Suggest use 0.027 or 0.031 tip, and always maintain uniform applied coating onto the surface.

### STORAGE AND DISPOSAL:

The product must be stored in a cool and dry place, always seal container after using. The shelf-life of the product is 1-year at 77°F storage condition and could be longer depending on conditions. Avoid the material from freezing, before using mix the product thoroughly until homogenous in appearance. Empty containers must be disposed according to your local city, state, and federal guidelines. Do not throw liquid portions to any drains, avoid spills, and always protect the environment.

### TECHNICAL SUPPORT:

Technical service support is available to answer any questions regarding other product performance characteristics, safety, and product application with no obligation. Please call (951) 413-0240 for Technical Service Support, 8 AM – 5 PM PST.