

# COREVLASTIC™

## COREVLASTIC™

COREVLASTIC™ is a high quality 100% acrylic elastomeric waterproofing coating. It has excellent properties of elasticity which allow the bridging of hairline substrate cracks. COREVLASTIC's design also makes it quite breathable, which decreases the accumulation of moisture in walls. COREVLASTIC is tinted to match an existing color or new color scheme.

## Recommended Use

COREVLASTIC finishes are best suited for application over conventional plaster, concrete, CMU or EIFS.

## Coverage

Each 5 gallon bucket provides approximately 250 square feet of coverage at 18 mils dry thickness, in a two coat application. COREVLASTIC is a liquid solution and coverage can vary greatly depending on substrate and application method.

## Properties

### Colors

COREVLASTIC is manufactured as a colored low viscosity solution in the customer's required color range.

Packaging (5 gallon bucket)  
45 lbs. per bucket net  
47 lbs. per bucket gross

### VOC Compliance:

COREVLASTIC complies with all known regulations limiting the Volatile Organic Compound (VOC) content of architectural coatings and sealers.

### Drying Time

Approximately 2 hours, however, can vary depending upon air temperature, relative humidity and finish thickness.

### Film Thickness

15-19 mils dry in two coats

### Vapor Permeability

Allows the treated areas to breathe without disruption of the film.

### Weather Resistance

Prevents deterioration due to climatic conditions.

### Mildew Resistant

Inhibits the formation of mold or mildew when applied over a permeable finish.

### Combustibility

COREVLASTIC does not propagate fire.

### Solids Content

49% by volume  
61% by weight

### Apparent Viscosity

ca. 38,000 mpa.s  
Brookfield Spindle T-E, 10 rpm

### Density

10.0 lbs/U.S. gallon

Tensile Strength (max.), psi (ASTM D 412)  
475 @ 77°F

Percentage of Elongation at Break  
(ASTM D-412)  
610% @ 77°F  
115% @ 0°F

Low Temperature Flexibility (ASTM D 522)  
-15°F, 1/8" Mandrel Bend-Pass

Percentage of Recovery  
Long time strain after 24 hours - excellent

## Application

### Surface Preparation

COREVLASTIC shall be applied only on clean, dry and free from oil, grease, tar and dirt surfaces that have been approved by Corev. If alkali or efflorescence is apparent on the surface, it should be removed prior to application.

Several of the most common approved substrates are:

1. New concrete - must be fully cured.
2. Painted surfaces - previously painted substrate shall be power washed or scraped to remove loose paint. Avoid damage to the substrate during paint removal. Corev's primer, SOTTOFONDO, should be used to seal surface prior to application of COREVLASTIC.
3. Stucco, plaster or substrate should be clean and checked for PH stability before application.

Cracks and voids larger than 1/16" should be repaired and sealed prior to the application of COREVLASTIC.

### Application Procedures

COREVLASTIC can be applied with:

1. Regular paint roller
2. Paint brush
3. Airless spray gun

Apply over the surface in a continuous manner maintaining a wet edge. Use masking tape and paper or plastic to protect adjoining areas or materials. Apply only on walls or inclined surfaces. COREVLASTIC is a two coat application.

## Clean-Up

Tools should be cleaned with water while COREVLASTIC is still wet.

## Storage

Store COREVLASTIC in its original containers at temperatures not less than 40°F (4°C) nor greater than 110°F (43°C). Store out of direct sunlight. Do not stack buckets more than 3 high.

## Shelf Life

Approximately 1 year if properly stored.

## Maintenance

Coatings may be cleaned of minor deposits with a mild soap and water solution

## Warranty

COREV America's COREVLASTIC is conditionally warranted for 10 years against delamination and color fading. This warranty does not apply to any party constituting a "consumer" for purposes of the Magnuson-Moss Warranty Act. All other warranties, whether expressed or implied, including without limitation any warranty of merchantability or fitness for purpose, are expressly disclaimed.

## Limitations

Substrates must be sound, clean, free of cavities, cracks, and irregularities and flat within 1/4" in any 4' radius. Surface, air and material temperatures should be minimum 40°F and maximum 100°F during application and for a period of 24 hours after installation. COREVLASTIC may not be compatible with glazings or other solvent based products. Use in well ventilated areas. Protect all adjacent surfaces (door frames, windows, etc.) adequately. Do not water down material. The minimum required slope of surfaces to receive application of COREVLASTIC is 6" of rise in any 12" of horizontal projection. COREVLASTIC shall not be applied to inclined areas defined as roof.

Prolonged contact with skin and breathing the vapor should be avoided. COREVLASTIC will bridge minor thermal cracking on the substrate. It is not intended to bridge structural cracks or cracks caused by substrate deterioration. Protect from rain until fully cured.

## Safety

**ALWAYS WEAR APPROPRIATE EYE AND SKIN PROTECTION WHEN USING THIS PRODUCT. HARMFUL IF SWALLOWED.**

Information contained in this bulletin conforms to the standard detail recommendations and specifications for the installation of Corev products, is presented in good faith, and is applicable as of the date of this document. Corev assumes no liability, expressed or implied as to the architecture, engineering, or workmanship of any project.