



# ChemMasters®

SPECIALTY CONSTRUCTION PRODUCTS

# ColorCoat™

100% Acrylic Coating  
for Concrete and Masonry

## P R O D U C T      D A T A

### DESCRIPTION

**ColorCoat** is a heavy bodied 100% acrylic emulsion decorative coating, specifically formulated to withstand outdoor exposure on concrete, masonry, stucco or cement plaster. It develops a tough durable water repellent film that is alkali and acid resistant.

### USES

- Exterior or interior, vertical and overhead concrete and masonry
- Poured in place, formed walls, block, brick or stucco
- Functional and decorative, water repellent finish
- Provides a uniform, matte color following repairs of deteriorated surfaces

### ADVANTAGES

- Excellent adhesion and weathering properties
- Superior moisture vapor transmission through substrate reduces cracking and peeling
- Protects against airborne dirt and pollutants
- Non-yellowing and fade resistant
- Available in a wide variety of colors

Packaging	
5 U.S. gal (18.9L)	F3100.05
55 gal (208L)	F3100.55

### TECHNICAL DATA

Complies with National Volatile Organic Compound (VOC) Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59

Test Data	
VOC Content	<100 g/L
% Solids	56 to 60
Application Temperature	50 to 90°F (10 to 32°C)
Blister Box Method @ 2,000 hrs	No blistering, peeling, or loss of adhesion
Fade-O-Meter Atlas Model FO-1352LV	Same as control @ 100 hrs

### Test Data continued

Weatherometer 2,000 hrs	No evidence of degradation
Freeze-Thaw 1.5 hrs in water 4.5 hrs @ 5°F (-15°C) 2 hrs @ 50°F(10°C)	100 cycles No degradation
ASTM E-84 Fire Hazard	NFPA Class A
ASTM D-1653 Moisture Vapor Transmission	Exceeds minimum 3 perms

### Estimating Guide

Each Coat	150 to 200 ft <sup>2</sup> /gal (3.6 to 5m <sup>2</sup> /L)
-----------	---

### DIRECTIONS

**Surface Preparation for hardened concrete:** The performance of **ColorCoat** is dependent on the quality of the substrate preparation. All surfaces must be free of soot, dirt, form release agents, grease, waxes, laitance, efflorescence, and any other foreign matter. Any chalking, oxidation, or unsound substrate must be removed prior to coating. Repair all holes, cracks, and mortar joints with **ChemPatch VO1** and/or caulk with an acrylic joint sealant. Incidental metal and wood surfaces must be primed and sealed; metal with a rust inhibiting primer and wood with a high quality primer sealer. Prepare the surface via water-blast, sandblast, or soda-blast. Preparation should expose the sand matrix portion of concrete and leave a surface texture consistent with 100 grit sandpaper, (ICRI CSP-3). Then air broom or power sweep the surface to remove dust and sand from the surface and to clear the opened pores. Contact ChemMasters for advice on pretreatment of powdery surfaces. If there is any doubt a test patch should be applied.

**For use as a CURING Compound:** **ColorCoat** must be applied after all bleed water has dissipated (approximately 1.5 hours after final finish). If not applied at this time, the surface must be prepared as directed in Surface Preparation for Hardened Concrete. Refer to State specifications or plan notes for coverage requirements.



## ChemMasters®

An American Owned & Operated Company  
300 EDWARDS STREET • MADISON, OHIO 44057-3112 (440) 428-2105 • FAX (440) 428-7091 • ORDERLINE: (800) 486-7866 [www.chemmasters.net](http://www.chemmasters.net)

March 2019

**Mixing:** ColorCoat is packaged ready to use. Do not thin with water or solvent. Blend well using a mechanical drill and paddle type mixing prop to properly disperse aggregate and pigment. Stir occasionally during application to maintain uniform color and texture.

#### **GENERAL APPLICATION:**

**Apply When:** The temperature is a minimum 5°F (2.7°C) above the dew point (dew point is critical to successful application.) prior to application and will remain above the dew point for a minimum of 4 hours after application of ColorCoat. Do not apply to frozen, frosted, or dew/fog covered surfaces. The ambient and surface temperature must be at or above 45°F (7°C) for at least 6 hours after application. Under very hot, dry, or windy conditions the surface may be fog sprayed with potable water to make application easier. If temperature is below 60°F (15°C) condition material to at least 60°F (15°C).

#### **CLEANUP**

Clean tools and equipment with warm water and soap or detergent before material dries and hardens.

#### **LIMITATIONS**

Do not apply when:

- a. the surface or air temperature is or is expected to be below 45°F (7°C) within 6 hours of application.
- b. temperature at the time of application is within 5°F (2.7°C) of the dew point
- c. dew, fog, or high humidity is expected within 4 hours of application.
- d. rain is expected within 24 hours of application
- e. if surface is frozen or frost filled
  - Not recommended for waterproofing or damp proofing of exterior horizontal surfaces, floors, or below grade interior walls.
  - Do not apply in areas of immersion or where a negative head pressure may exist.
  - Application in direct sunlight or during times of extreme heat may cause wrinkling, pinholes, or blistering.
  - Schedule application for early morning or late afternoon when ambient and substrate temperatures are at their lowest.
  - Do not use strong caustic or solvent based cleaner. For additional data on good coating practice consult SSPC, NACE, or ICRI.
  - Not recommended for waterproofing or damp proofing of exterior horizontal surfaces, floors or below grade interior walls. Iron particles in block, brick or mortar may cause discoloration through the coating
  - Keep from freezing.

#### **STORAGE**

Keep from freezing. Store tightly sealed containers in warm (above 40°F, 4°C and below 95°F, 34°C), dry area on pallets. Shelf life of properly stored material is one year from date of manufacturer.

#### **PRECAUTION**

**WARNING:** May be harmful if swallowed. May cause an allergic skin reaction. Causes eye irritation.  
See Safety Data Sheet for complete hazard information.

For professional use only  
Keep out of reach of children

#### **This Product is Formulated and Labeled for Industrial and Commercial Use Only**

FOR BEST RESULTS AND SAFEST USAGE, USER IS SPECIFICALLY DIRECTED TO CONSULT THE CURRENT PRODUCT & SAFETY DATA SHEETS AND PACKAGE LABEL FOR THIS PRODUCT. We warrant our products to meet our published specifications and to be free from defects in materials and workmanship to the acceptable quality levels defined in these specifications. If acceptable quality levels are not specified, the acceptable quality levels will be those normally supplied by us for the product. We make no guarantee of the results to be obtained from the use of our products. The determination as to the adaptability of any of our products to the specific needs of the Buyer is solely Buyer's prerogative and responsibility. We are glad to offer suggestions on the use of our products. Nevertheless, there are no warranties given except such expresses warranties offered in connection with the sale of a particular product. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. IN NO CASE SHALL WE BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, CO-CONDITIONS AND REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED, WHETHER ARISING UNDER ANY STATUTE, COMMON LAW, USAGE OR TRADE, COURSE OF DEALING OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.