



# ChemMasters®

## Colorcoat™ XL

100% Siliconized Acrylic Coating  
with Superior Water Repellency for  
Concrete and Masonry

### Quality • Innovation • Service

## P R O D U C T      D A T A

### DESCRIPTION

**Colorcoat XL** is a heavy bodied, pigmented, water-based 100% siliconized acrylic resin specifically formulated to have superior water shedding characteristics for exterior exposure on concrete, masonry, stucco or cement plaster. **Colorcoat XL's** exceptional penetration and adhesion forms a tough durable film that is alkali, acid and mildew resistant and contains an inhibitor to prevent mold and fungus growth.

### 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 penetration, adhesion and weathering properties
- Siliconized acrylic resin for enhanced water shedding characteristics
- 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 Product Number

5 gal (18.9L)	36 per pallet	F3127.05
55 gal (208L)	4 per pallet	F3127.55

### TECHNICAL DATA

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

### Physical and Test Data

V.O.C.	< 100 g/L
% Solids, weight	55 to 59
% Solids, volume	35 to 39
ASTM D1653 Water Vapor Transmission	17.5 perms (grains/h-ft <sup>2</sup> -in Hg) (average of 3 samples)
AASHTO T 259 Resistance of Concrete to Chloride Ion Penetration	Chloride Ion Reduction @ 0.625 to 0.5 inch depth: 84.4% (average of 3 samples)
AASHTO T 260 Sampling & Testing for Chloride Ion in Concrete and Concrete Raw Materials	Chloride Ion Reduction @ 0.5 to 1.0 inch depth: 89.2% (average of 3 samples)
ASTM G53-13, Cycle 1 Twin Carbon Arc Weatherometer Exposure 2,500 hours	Visual: Gray Scale Rating 4 to 5. Very slight color change. Slight gloss loss. Evidence of surface spotting. No other detrimental effects. (average of 3 samples) Adhesion: Rating 5. No peeling or removal. (average of 3 samples)
ASTM C672 Scaling Resistance of Concrete Surface Exposed to Deicing Chemicals	50 Cycles: Cumulative Mass Loss: 0.00 lb/ft <sup>2</sup> Visual Scale Rating: 0.0 (average of 3 samples) 100 Cycles: Cumulative Mass Loss: 0.01 lb/ft <sup>2</sup> Visual Scale Rating: 0.8 (average of 3 samples)

### Estimating Guide

Porous or highly textured surfaces may require a second coat.	150 to 200 ft <sup>2</sup> /gal (3.6 to 5 m <sup>2</sup> /L)
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**ChemMasters® Inc.**

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## DIRECTIONS

**Surface Preparation:** Surface preparation is critical to achieve the best results. Remove all material that may interfere with adhesion to concrete surface including: soot, dirt, form release agents, grease, waxes, laitance, efflorescence and all foreign matter. Chalking, oxidation or other deterioration of the surface must be removed to a sound substrate. Repair all large holes, cracks, mortar joints with **ChemPatch VO1** and caulk joints with an acrylic joint sealant. Incidental metal and wood surfaces must be primed and sealed. Metal must be sealed with a rust inhibiting primer. Contact ChemMasters Technical Service at 800-486-7866 for advice on pretreatment of powdery surfaces.

## MIXING

**Colorcoat XL** is packaged ready-to-use. Stir contents well before use with a paddle or mechanical mixer to insure proper pigment dispersion. Do not thin with water or solvent.

## APPLICATION

Apply evenly leaving no pinholes or gaps. Do not puddle. Do not apply when the surface or air temperature is, or is expected to be, below 45°F (10°C) within 6 hours of application. Do not apply if dew, fog or high humidity is expected within two hours of application. Do not apply if rain is expected within 24 hours of application. Do not apply to frozen or frost filled surfaces. The temperature should be a minimum 5°F (2.7°C) above the dew point prior to application and for a minimum of 4 hours after application of **Colorcoat XL**.

Apply using standard, airless spray equipment, brush or roller. Avoid buildup in roller ends to prevent lap marks. Finish area with strokes in one direction. A second coat is recommended and may be applied within 2 to 4 hours after the first, depending on weather conditions.

## CLEANUP

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

## LIMITATIONS

Do not apply when:

- the surface or air temperature is or is expected to be below 45°F (7°C) within 6 hours of application.
- temperature at the time of application is within 5°F (2.7°C) of the dew point
- dew, fog, or high humidity is expected within 4 hours of application.
- rain is expected within 24 hours of application
- 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, dry area on pallets above 40°F (4°C) and below 95°F (34°C). Store locked up. Shelf life of properly stored material is one year from date of manufacture.

## PRECAUTIONS:

**WARNING:** May be harmful if swallowed.

May cause an allergic skin reaction. Causes eye irritation. Consult safety data sheet for complete hazard information.

For professional use only.  
Keep out of reach of children.

## THIS PRODUCT IS FOR COMMERCIAL USE ONLY – IT IS NOT A CONSUMER PRODUCT.

Before using this product read entirely this paragraph and the Manufacturer's Warranty and Limitations of Liability at [Chem-Masters.net/Warranty.php](http://Chem-Masters.net/Warranty.php) (or by using the adjacent QR Code) incorporated herein (collectively the "Terms"). To reject any of the Terms buyer must return the unopened product container at once to the seller from which it was purchased. By opening or using this product buyer accepts without objection or modification all Terms. Subject to applicable law, **MANUFACTURER DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE**, and buyer agrees that in lieu of all other remedies in manufacturer's sole discretion it will either replace defective product or refund the reasonable purchase price, and in no event may you recover from manufacturer any special, incidental or consequential damages even if it was aware of the possibility of such damages.

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