



ChemMasters®

SPECIALTY CONSTRUCTION PRODUCTS

Colorcoat™ XL

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

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 ² -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 ² Visual Scale Rating: 0.0 (average of 3 samples) 100 Cycles: Cumulative Mass Loss: 0.01 lb/ft ² Visual Scale Rating: 0.8 (average of 3 samples)

Estimating Guide

Dependent upon surface condition. Two coats are recommended	150 to 200 ft ² /gal (3.6 to 5 m ² /L)
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ChemMasters®

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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 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.