

CT-100™

WEATHERPROOF CONCRETE COATING

WHAT IS CT-100™?

- CT-100™ weatherproof concrete coatings are high quality water based coatings for use on exterior or interior concrete, stucco, masonry and primed metal surfaces. Available in smooth (un-aggregated), fine, medium and coarse textures.

Type: Vinyl Acrylic emulsion.
Grades: Smooth, fine, medium and coarse.
Finish: Matte finish, slight angular sheen.
Colors: Triarch standard or custom
Packaged: Available in 5-gallon plastic pails and 55-gallon metal drums.

COVERAGE RATES

Smooth: 100 sq. ft./gal. \pm 20
Fine: 65 sq. ft./gal. \pm 10
Medium: 50 sq. ft./gal. \pm 10
Coarse: 40 sq. ft./gal. \pm 10

- Coverage rates are estimates. The actual coverage will vary depending on the porosity and texture of the substrate.

RECOMMENDED USE

- When properly applied, CT-100 coatings provide a long lasting film of protection for commercial, industrial and residential structures. This product meets or exceeds DOT standards for concrete structures in many states. CT-100 coatings meet or exceed Federal Government Specification TTC-555B, Type I and II, and all EPA and OSHA standards for this type of coating. This product is non-toxic by the Federal Hazardous Substance Act. In California, it meets CARB and VOC requirements. Please refer to the Material Safety Data Sheet for specific information.

TECHNICAL DATA

Total solids, by weight (%)	57 \pm 2
Total solids, by volume (%)	44 \pm 2
Viscosity, KU	104 \pm 2
Weight per gallon, lb.	10.4 \pm 2
PH	9.2 \pm .2
Flexibility	Pass
Mildew Resistance	Excellent
Weathering	Pass
Flame Spread	Class A

LIMITATIONS

- Do not apply this product when the surface or ambient temperatures are below 45°F or expect to drop below 45°F within a 24-hour period. This product is not recommended for below grade use or use on back filled retaining walls. Do not apply during rain or if rain is expected within 24-hours after application. Do not apply to floors or horizontal surfaces where standing water can occur.

SURFACE PREPARATION

- This product is to be applied only to clean, dry, sound surfaces. The type and degree of surface preparation will determine the appearance of the finished project. CT-100 coatings will not fill voids in substrates nor hides all imperfections.

New Construction:

- Concrete, stucco and masonry surfaces must be cured and free of excess moisture prior to the application of CT-100 coatings. Allow new concrete, masonry and stucco surface 28 days to cure.

Concrete and Stucco Primers:

Alkali Resistant: Masonry Conditioner (Clear)
Standard Primer: Prime 1™ (Pigmented/tintable)

Concrete Block:

Use TRIARCH's SKIMM® or Fill-o-Block™ depending on the desired appearance, either completely floated (SKIMM) or partially filled (Fill-O-Block). Refer to product data pages for specific application instructions.

Previously Coated Surfaces:

Pressure wash the entire surface area with hydro-spray equipment (2,000-2,500 PSI minimum) to remove all dirt, mildew, chalk, or other foreign contaminants. Let it dry completely. If needed, apply TRIARCH's Masonry Conditioner, to tie-down any chalky residue.

Surface Repair:

- ✦ Repair any cracks and surface imperfections prior to the application of the finish coats. Apply a coat of CT-100 smooth coating to bridge most existing hairline cracks with no additional preparation being necessary. Use TRIARCH's Durofloat® or SKIMM® to repair cracks larger than hairline. Refer to appropriate product data guides for specific application instructions.

COATING APPLICATION

- ✦ CT-100 smooth and fine texture coatings may be applied with a brush, roller, or spray equipment. CT-100 medium and coarse textures must be applied using air-powered spray equipment only. MIX CT-100 thoroughly with a power drill and mixing blade prior to use.

SPRAY APPLICATION

Spray application is recommended for all grades of CT-100. Contact TRIARCH's customer service or your preferred paint spray equipment manufacturer for specific recommendations.

CT-100 smooth: Airless
CT-100 textured: TRIARCH cannon or
 equivalent.

LIMITED WARRANTY

- ✦ **GENERAL STATEMENT:** Subject to certain limitations, TRIARCH warrants this product for one (1) year against defects in materials at the time of purchase and to perform as represented in our factory published literature. Interested parties should refer to the published warranty statement for specific wording, exclusions, and product limitations. It should be noted that the warranty is predicated upon proper application procedures, and other considerations pertaining to the use of this product that are beyond the control of the manufacturer. TRIARCH does not warrant the workmanship of the contractor. Under no circumstances is TRIARCH liable for consequential damages. Warranty claims will not be honored unless TRIARCH has the opportunity to inspect the problem areas of the incident, and before repairs are undertaken. TRIARCH offers extended warranties under specific conditions. Contact TRIARCH for extended warranty requirements.

