



PART 1: SCOPE

- 1.1 An Approved Celcore Applicator shall furnish all labor, materials and equipment required to properly apply Celcore PVA Curing Compound (CCC).
- 1.2 The CCC film shall become an integral part of the deck system.

PART 2: GENERAL

- 2.1 The CCC shall be applied as early as is practical after the deck topping has been placed and once the cellular concrete has developed strength sufficient to support foot traffic without damage.
- 2.2 The deck surface shall be clean and free of debris. The preferred method of deck preparation shall be by sweeping or blowing if debris is present.
- 2.3 Any roof deck repair work or scraping should be accomplished in advance of the curing application if possible. The aforementioned work however, must not cause long delays to the curing application. During weather conditions favorable to rapid drying, curing is most effective when applied within 24 hours after placement.
- 2.4 Excess traffic on the deck shall be limited during the first 24 hours after deck topping placement and also limited after applying the CCC until the film has dried. (typically within 30 minutes after application)
- 2.5 In cold weather placements of cellular concrete where concrete set times are slowed and prolonged by low ambient temperatures, curing applications maybe delayed or may not be required.

PART 3: MATERIALS

- 3.1 Celcore PVA Curing Compound (CCC) is produced by Celcore Incorporated, 3148 US Hwy 70 West, Black Mountain, NC 28711 (828) 669-4875. CCC is shipped as a liquid concentrate in 55 gallon [208 L] drums or 5 gallon [18.93 L] pails. Drums of CCC shall be marked and clearly identifiable by labeling.
- 3.2 Drums of CCC shall be stored where protected from freezing and kept sealed during storage to prevent skinning of the air exposed surface.

CELCORE® PVA CURING COMPOUND SPECIFICATION

- 3.3 CCC is produced by thermally processing certain grades of Polyvinyl Alcohol (PVA) which are designed to form water resistant films. Water soluble PVAs or PVA emulsions produced by others are not approved.
- 3.4 Water for diluting the CCC concentrate shall be clean, fresh and free of injurious quantities of acid, alkali, salt, oil, organic matter or other impurities.

PART 4: DILUTION

- 4.1 CCC shall typically be mixed with water at a rate of one part CCC to one part water. Higher concentrations up to 3 parts CCC to 1 part water are approved when deck protection is desired.
- 4.2 CCC concentrate mixes readily with water, accordingly no special mixing is required.

PART 5: APPLICATION

- 5.1 CCC shall be applied as early as is practical after the deck has developed strength sufficient to support foot traffic without damage.
- 5.2 The preferred method of application is by spraying. Spraying may be accomplished by using a pressurized tank, applying the CCC to the deck thru a wand or a garden nozzle.
- 5.3 Other methods shall include, but not be limited to, brushing or roller applying. The application shall be such as to avoid puddling.
- 5.4 Coverage shall be at a rate of approximately 200 to 400 ft² per diluted gallon [5 to 10 / m² per Liter]. CCC shall not be applied when raining.

-END OF SECTION-