Product Data
February 2020

CURE AND SEAL 25

CONCRETE CURING AND SEALING ANGENT

DESCRIPTION
FARRELL CURE AND SEAL 25 is a clear, UV-resistant, solvent-based, ready-to-use formula comprised of acrylic copolymers and quick evaporating solvents. The product cures, hardens, seals, and dustproofs freshly placed concrete as well as existing concrete.

USES
FARRELL CURE AND SEAL 25 may be used on freshly placed as well as existing exterior concrete surfaces. It is ideal for use on concrete surfaces, sidewalks, parking decks, driveways, etc., or any place a medium-sheen finish is desired.

FEATURES/BENEFITS
- When properly applied, breathable film allows moisture in cured concrete to evaporate.
- Provides a durable, tough, uniform, long-lasting film finish on exterior concrete surfaces.
- Cures, hardens, dustproofs, and seals freshly placed concrete simultaneously in one application.
- Minimizes hair-checking, cracking, dusting, spalling, and other defects common to improperly cured or uncured concrete.
- Provides improved resistance to chemicals, oil, grease, de-icing salts
- Applies easily ... dries quickly for less downtime.

PACKAGING
5 Gallon Pails
55 Gallon Drums

COVERAGE
300- 600 ft.^{2}/gal. Coverage is approximate and may vary depending on surface finish/texture, concrete condition, climatic conditions, etc. Always apply to a test area first to determine actual coverage rate before full-scale application.

SHELF LIFE
When stored indoors in original, unopened containers at temperatures between 40°- 90° F, optimum performance and best use is obtained within two years of date of manufacture.

SPECIFICATIONS
- ASTM C1315, Type I, Class A
- ASTM C309, Type 1, Classes A & B
- U.S. EPA Architectural Coatings Rule

TECHNICAL DATA

Property	Typical Results
Appearance	Clear
Solids Content	26%
Weight/Gallon	7.6 lb.
Acid and Alkali Resistance	Good
Weating Quality	Good
VOC Content, g/L	689

APPLICATION
SURFACE PREPARATION
Existing (Old) Concrete: Concrete surface must be clean and dry with all stains, oil, grease, dust, and dirt removed prior to application.

New Concrete: FARRELL CURE AND SEAL 25 should be applied when surface water has completely disappeared and the concrete surface will not be marred by walking workmen.

APPLICATION METHOD
Use a sprayer or short-nap roller to apply a uniform film. A standard industrial-grade sprayer, such as a Chapin 19069, equipped with a neoprene hose and gaskets, as well as a 0.5 GPM spray nozzle (or equivalent), is recommended for best results. Avoid puddling in low areas. If puddles occur, brush or roll them out.

For optimum performance, apply first coat at 600 ft.^{2}/gal. After the first coat has thoroughly dried, apply a second coat at 600 ft.^{2}/gal. NOTE: The second coat should be applied at a right angle.

Surface temperature of the concrete must be between 40° F and rising and 90° F and falling.

DRYING TIME
FARRELL CURE AND SEAL 25 dries quickly. Drying times may be extended depending on application rate, temperature, humidity, and project conditions. Restrict foot traffic for at least four hours. Twelve hours is preferable.

CLEANUP
Application equipment should be cleaned promptly after use with xylene or toluene.

PRECAUTIONS

Coating is to be applied without dilution or thinning. FOR EXTERIOR USE ONLY. Block all HVAC ventilation ducts which may spread product odor. Use with adequate ventilation and keep away from open flame.

FARRELL CURE AND SEAL 25 should not be applied during high temperature conditions in direct sunlight. These conditions cause rapid evaporation, which does not allow the film to form properly. Under these conditions, the film may peel, bubble, and/or turn white (blush). FARRELL CURE AND SEAL 25 should not be applied to concrete containing excessive moisture. Entrapped moisture in a solvent-based sealer may cause the film to peel and/or turn white (blush).

FARRELL CURE AND SEAL 25 is a membrane-forming sealer. All membrane-forming sealers may darken concrete or magnify imperfections caused by variations in the porosity and/or finishing of the concrete.

For any alternate adhesion specifications or requirements, besides ASTM C1315, Section 8.8, secure the approval of the manufacturer of any paint, coating, carpet, adhesive, resilient flooring, floor topping, etc. (any type/composition of subsequent floor treatment) that will be applied over FARRELL CURE AND SEAL 25. Obtain this approval before applying the product over concrete previously coated with FARRELL CURE AND SEAL 25.

HEALTH AND SAFETY

Prolonged inhalation of vapors in excess of permissible exposure limits may result in symptoms of transient central nervous system depression. Direct contact with the product may result in irritation of the skin and eyes. Product vapors may also cause irritation. FARRELL CURE AND SEAL 25 is combustible. Remove ignition sources prior to use. Empty containers may hold combustible vapors. Handle empty containers as combustible liquids. In the event of a spill, contain the product; apply absorbents and place in sealed containers. In the event of a fire, contain all run-off water.