



# CHEM-HARD 25

Fluorasilicate-based Concrete  
Hardening & Densifying Product

## PRODUCT DESCRIPTION

CHEM-HARD 25 is a colorless magnesium and zinc fluorasilicate base solution that chemically hardens concrete floors, creating a permanent hard abrasion resistant floor surface. CHEM-HARD 25 provides maximum penetrating power for greater in-depth hardening of new and aged concrete floors. CHEM-HARD 25 provides flooring with characteristics which cause high resistance to alkalis, organic or inorganic chemicals, oils, greases and most acids. It also prevents the growth of mildew, fungi and other organisms as well as providing improved wearing qualities. The product is ideal for application on industrial, commercial and warehouse floors to increase water resistance of the concrete floor and dustproofs the surface. CCC625 will accept floor covering adhesives and surface paints.

## FIELDS OF APPLICATION

As trouble-free chemical treatment for concrete, mortar, bricks, and stone masonry, CHEM-HARD 25 is an ideal hardening, densifying, and dustproofing agent for:

- Industrial plants; chemical processing, sewage treatment, water treatment, refineries, food processing, etc.
- Civic centers & Sport arenas
- Parking decks
- Hospitals, airports, and museums

## PRODUCT FEATURES

- Water based
- No VOC
- Non-Toxic
- Easily applies by spraying

## PACKAGING

Product	Packaging
CHEM-HARD 25	5 GAL (18.925 LITER) PAIL
	55 GAL (208 LITER) DRUM

## TECHNICAL DATA

Property	Value @ 25°C (77°C)
Specific Gravity	1.225
Freeze Temperature, °F (°C)	32 (0)
Freeze Harm	None
Boiling Point, °F (°C)	230 (110)
Solvent Clean up	Water
Odor	None
Color	Clear
Toxicity	None
Flammability	None
Fumes During Treatment	None
Environmental Hazards	None

### Applicable Standards:

Taber Abraser CS-17 wheel, 1000 grams at 1000 revolution.

## APPLICATION DATA

**Preparation:** Surface to be treated must be clean, dry and free of all dirt, dust, sealers, wax, oils, curing compounds or any other type of foreign matter. Concrete must be cured for 28 days.

### Application:

1. Apply CCC625 uniformly on the entire concrete surface to be hardened. Apply at the rate of 300 square feet per gallon.
2. Allow surface to dry before use.

## CLEANING

Clean all tools and sprayers with Water.

## STORAGE

Store all containers between 40°F (5°C) and 95°F (35°C). Shelf life is 24 months in original unopened container. **Do not allow product to Freeze.**

## SAFETY PRECAUTIONS

Do not allow material to come into contact with glass, aluminum or glazed tile systems. **Keep Out of Reach of Children.**

## TECHNICAL ASSISTANCE

Please contact International Chem-Crete Corporation for Technical Personnel.

## WARRANTY

**LIMITED WARRANTY:** International Chem-Crete Inc. warrants that, at the time and place we make shipment, our materials will be of good quality and will conform to our published specifications in force on the date of acceptance of the order.

**DISCLAIMER:** The information contained herein is included for illustrative purposes only and, to the best of our knowledge, is accurate and reliable. International Chem-Crete Inc. is not under any circumstances liable in connection with the use of information. As International Chem-Crete Inc. has no control over the use to which others may put its products, it is recommended that the products be tested to determine the suitability for specific applications and/or our information is valid in particular circumstances. Responsibility remains with the architect or engineer, contractor and owner of the design, application and proper installation of each product. Specifier and user shall determine the suitability of the product for specific application and assume all responsibility in connection therewith. AM26319.

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