

Vinyl Crete

CEMENTITIOUS TOPPINGS / FLOOR UNDERLAYMENT

Manufacturer Office:

F. H. LEINWEBER CO., INC.
9812 South Cicero Avenue
Oak Lawn, Illinois 60453-3193
Telephone: (708) 424-7000
Fax: (708) 424-9914



Plant:

F. H. LEINWEBER CO., INC.
346 West 107th Place
Chicago, Illinois 60628-3336
www.leinwebercompany.com

DESCRIPTION & USE:

VINYL-CRETE® is a two component (powder & latex additive) floor underlayment material used for leveling, smoothing and patching both interior and exterior surfaces prior to the installation of finished floor covering. **VINYL-CRETE®** may also be left as a wearing surface or painted. Use **VINYL-CRETE®** over concrete, wood, tiles, metal. Excellent for covering properly bonded vinyl asbestos tile and cutback adhesive and for filling in voids of embossed sheet goods. **VINYL-CRETE®** is formulated for use under virtually any floor tile, carpet or finish.

COMPOSITION:

VINYL-CRETE® is a mixture of portland cement, silica sand and additives. **VINYL-CRETE LIQUID** is a special latex fortified with vinyl and silicone anti-foamer. When mixed, the blend is gray in color.

TECHNICAL DATA:

POT LIFE: approx. 2 hours @ 70° F. COVERAGE: approx. 40 sq. ft. @ 1/8" thick per 40# bag. COMPRESSIVE STRENGTH: (ASTM Air Cured C-109) > 2500 psi after 7 days (2" x 2" cubes); > 4000 psi after 28 days. WEIGHT: 2.33 lbs. per sq. ft. @ 1/4" thickness. SHELF LIFE: Liquid > 2 years (if frozen, allow to thaw at room temperature). Store liquid between 45° F and 110° F. Store powder under dry conditions when possible. NON-COMBUSTIBLE.

PROPERTIES:

The necessary addition of **VINYL-CRETE LIQUID** to **VINYL-CRETE Powder®** increases the bonding power over other latex liquid additives. While flexural and tensile strength is increased, water, salt and chemical resistance is increased, as well as freeze-thaw durability and wear and skid resistance. **VINYL-CRETE LIQUID** must be used with the **VINYL-CRETE Powder®**. Do not substitute.

LIMITATIONS:

VINYL-CRETE® may be used below, on or above grade, both interior and exterior, on surfaces sufficiently heated to 45° F up to 90° F, but avoid placing on surfaces exposed to direct sun at high temperatures and drafty or windy conditions. Initial set in approximately 4 hours in optimum drying conditions at 1/8" thick. Final set in approximately 24 hours under optimum conditions. Water based or acrylic sealers are recommended, if needed.

PREPARATION:

Proper surface prep is most important to ensure effective bonding. Remove all dirt/dust, wax, grease, paint, sealers, curing compounds or any loose matter (loose tiles should be removed and loose boards secured tightly). This may be done mechanically (chipping, sanding or blast tracking) or by thorough cleaning (sweeping/vacuum) or by a chemical wash (such as a solution of non-solvent based cleaners. All concrete and wood must be dampened with water thoroughly, but do not leave water puddles.

MIXING:

In a clean container, or wheelbarrow, mix one 40# bag **VINYL-CRETE Powder®** powder with one gallon **VINYL-CRETE LIQUID**. DO not dilute the **VINYL-CRETE LIQUID** with water. If mechanical mixer is used, limit mixing time to 2 minutes. Do not overmix. NO PRIMER NEEDED!

PLACEMENT:

Apply by trowel, work material into dampened surface, then smooth finish trowel. The placement and finish troweling should be continuous and complete before the surface of the **VINYL-CRETE®** begins to dry (approx. 30 min.). Apply from 1/32" to 3/8" thick. Additional applications may be made after initial coat dries for extra thickness. Each application should not exceed 3/8". Clean residue from mixing containers, tools and any surface splashed with the latex material quickly after finishing. May be difficult to clean once the latex has been allowed to harden. Clean mixing containers between batches so that new mix is not accelerated causing it to set too quickly. Be certain that the **VINYL-CRETE®** is completely dry before installation of floor covering (under optimum drying conditions, @ 70° F usually 24 hours; excessively damp, cold conditions, usually 48 hours). If painting surface, use a latex based paint only.

AVAILABILITY:

Write or call for distributors and locations. We ship F.O.B. from our Chicago, Illinois factory.
SIZES: 40# multi-wall lined bags powder, five-gallon plastic pails liquid, and one-gallon jugs.

WARRANTY:

This product is compounded of quality controlled materials by experienced personnel. We will replace any defective material within a period of three months from date of sale. Seller or manufacturer is in no way responsible for any incidental or consequential damage including any economic loss, business interruption or injuries to persons. Sample product field tests should first be made to ascertain suitability of this product for customer's particular needs. There are no other warranties expressed or implied.

CAUTION:

This product contains portland cement and silica. Silica may cause delayed lung injury (silicosis). Use NIOSH approved protective breathing mask and mix only in well ventilated areas. May cause irritation to skin or eyes; if so, rinse immediately with plenty of clean, cold water. If irritation persists, see a physician. Wear long sleeves and protective safety glasses. Keep out of reach of children. CONTAINS NO ASBESTOS. MSDS available upon request.

TECHNICAL and INSTALLATION SERVICES:

Available through our distributors or from our factor or main office location in Chicago, Illinois.

VINYL-CRETE® is a registered trademark since 1950.

F. H. Leinweber Company, Inc.
UNDERLAYMENT & FLOOR PREP CONTRACTORS

9812 S. Cicero Avenue • Oak Lawn, IL 60453 • (708) 424-7000
Plant: 346 West 107th Place • Chicago, Illinois 60628 • (773) 568-7722
www.leinwebercompany.com

Members ASTM (American Society for Testing Materials)
Members ASCC (American Society of Concrete Construction)