



Nano Crete® Installation Guide

PRODUCT DESCRIPTION

Nano-Crete® is a specially formulated, polymer modified, sprayable cementitious coating which is used for concrete restoration applications requiring restoration of color and appearance. Without masking texture, gradient or natural physical variations in the surface.

COVERAGE RATES AND PACKAGING

Nano Crete Bag	150-200 ft/bag	Sold in 15.0 lbs Bags
Nano Crete Liquid	150-200 ft/gal	Sold in Pails (5 Gallon Containers)

SUBSTRATE REQUIREMENTS

Concrete

Concrete shall be structurally sound and stable. Concrete shall be free of dust, dirt, grease, contamination, surface laitance, and other potential bond-breaking substances that could impair adhesion. All cracks, gouges, and other surface defects need to be addressed prior to coating installation. Substrate and ambient temperatures must be above 50°F (10°C) during installation of coating. Relative humidity should not exceed 65% during installation of the coating. Environmental conditions must not be near the dew point during installation of the coating. Moisture Vapor Transmission of the substrate must not exceed 3lb per 1000 ft² per 24 hours. For high MVT substrates, consult with a Versatile Building Products representative for recommendations.

Other Substrates

Consult with a Versatile Building Products representative for recommendations over other substrates.

STEP 1) INSTALLATION OF NANO CRETE

Mixing

Pre-mix NC-Liquid with the *optional tint package* until uniform. Add the entire contents of the powder bag to ¾ gallon of NC Liquid. Mix until uniform and lump free. Add remaining ¼ gallon of NC-Liquid and mix until uniform. Up to 1/8 gallon of water may be added to the system to further dilute for spraying operations. Pour the mixed NC-Topping through a 60-90 mesh strainer to remove any unmixed lumps.

Application

Apply NC topping using a suitable airless sprayer.

Note: It is important to use a minimum of 0.019 tip to ensure clog free dispensing of material

Cure Times

Allow NC-Topping to Cure 24 hours prior to subsequent staining and sealing operations.

NOTE: Cure times will vary with temperature.

STEP 2) CLEANUP

Rapidly clean-up tools and equipment with mild soap and water. Clean-up overspray and splatter marks immediately with water. Remaining material may be stored for later use in properly sealed containers.

STEP 3) STAINING

NC-Topping may be stained with Versa-stain brand stain to produce highlights, antique, and various faux finishes.

STEP 4) SEALING

Seal with aqua guard or Versa glaze sealer to assure a durable surface with added stain resistance.

Shelf Life

Nano Crete has an 18 month shelf life when stored properly. Store between 55F (12.8C) to 90 (32.2C)

ADDITIONAL CAUTIONS AND RECOMENDATIONS

- Do not force dry
- Coverage rates may vary
- Mask all areas that need protection
- Always wear protective clothing and equipment as required by OSHA and as necessary
- Read Material Safety Data Sheets before commencing work
- Store material at 50-70°F to prevent shortened pot-life due to excessive heat