

# Fabrishield® 140NS CURE

- Cure & Seal
- Hardening
- Dustproofing
- Zero VOC's
- Nano Silicate/  
Acrylic Formula

## DESCRIPTION AND USE

FABRISHIELD® 140NS CURE is a dual function formulation which provides the water entrapment properties of a surface film to assist in proper hydration of Portland Cement and the penetrating reactivity of a nano-silicate compound leading to improved concrete densification.

FABRISHIELD® 140NS CURE is a water-based, acrylic, colloidal (nano) silicate solution. The acrylic portion of the product creates a film which helps to hold in water in freshly placed concrete leading to improved cement hydration properties. The colloidal (nano) silicate reacts with certain calcium substances within the Portland Cement paste, triggering a chemical reaction that actually densifies the surface and creates a hard insoluble gel within the pores of the substrate.

## ADVANTAGES

FABRISHIELD® 140NS CURE enhances the properties of treated concrete by fully developing the hydration potential as well as converting calcium compounds within the Portland Cement matrix into an insoluble gel. This densifies the concrete to which it is applied, helping to increase the abrasion resistance of those surfaces. Denser surfaces are also more resistant to the penetration of water, oil, acids, and other chemicals. FABRISHIELD® 140NS CURE sealer is water-based, thus eliminating harmful vapours during application.

## APPLICATION

Use product as supplied; do not dilute. Consult Safety Data Sheet before using. Ambient conditions should be between 4°C and 35°C for best performance.

Apply one coat of Fabrishield® 140NS CURE to freshly placed concrete no sooner than four hours after finishing. Application is best performed with a low pressure (pump type) sprayer. Effort must be made to apply a uniform coat avoiding the creation of puddles. Continue to apply sufficient material to keep the surface wet for 10 – 20 minutes. Cold temperatures or high humidity can slow the drying after application.

Subsequent long term wearing surface protection should be provided with the application of a suitable Fabriglaze® product. Consult the manufacturer for product recommendations.

## COVERAGE

Coverages can vary from 300 to 400 square feet per gallon depending on the porosity and surface texture of the substrate.

## GUARANTEE

FABRIKEM MANUFACTURING LTD. guarantees its products when they are applied in accordance with its printed instructions. Results of inadequate surface preparation, improper mixing, incorrect application, inadequate protection, and other factors beyond the manufacturer's control cannot be held to the manufacturer's responsibility. No responsibility can be accepted beyond the purchase price of the product.

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