



ENCORE™ HD

Finishing Aid Densifier

PRODUCT DESCRIPTION

Encore™ HD finishing aid densifier is a *Nano Infused™* formula designed to densify and cure the surface during the screeding, panning, or finishing process. The natural properties of this formula creates calcium silicate hydrate (CSH) and retains water increasing workability, enhancing the surface strength, and reducing permeability making a higher performing surface with less work. The densification of the surface cap in concrete at the point of placement or finishing creates true long-term benefits due to the initial reaction taking place.

BENEFITS

- Densifies & Cures the Surface
- Neutralizes the leeching of alkali and lime
- Enhances burnishing methods
- Helps fight Wind, Sunlight, low humidity, Cold
- Increases Workability
- Makes Shake-On Hardeners easier to install
- Replaces Water
- Reduces Permeability
- Reduces Moisture Vapor Transmission
- Reduces Curling / Shrinkage

Encore™ HD finishing aid densifier is just one of the formulations developed in creating a more sustainable concrete industry with efforts in eliminating waste. The use of *Encore™ HD* will enhance routine burnishing and cleaning routines throughout the entire life cycle of concrete, reducing the use of cure and densifying methods. The dense surface created will reduce the penetration of oils, greases, and other floor contaminated substances, making cleaning more efficient. *Encore™ HD* is a zero VOC formulation that is LEED Credit Certified.

DENSIFICATION & HARDENING

Encore™ HD fills all of the voids in the concrete surface due to the additional CSH formulation. This process enhances the strength and durability, allowing for more abrasion resistance at the surface in high traffic areas.

CURING

With the application during the place/finish process of concrete, *Encore™ HD* accelerates the hydration process due to rendering a more rapid formation of CSH binding phase.

USAGE

INFRASTRUCTURE - SLAB ON GRADE & SLAB ON DECK
EXTERIOR PAVEMENTS
STRUCTURAL WALL COLUMNS
FOOTINGS / MASS FOOTINGS
PARKING GARAGES

Application:	Dilute with water as needed for application, apply with sprayer.
Appearance:	Odorless, transparent liquid
VOC:	0 g/L
Shelf life:	1 year after opening
Solvent:	Water based

COVERAGE

- Screeding & Floating
600 - 1000 sf per gallon
- Finishing
800 - 1500 sf per gallon

MIXING AND APPLICATION INSTRUCTIONS

1. Can be applied anytime during the pre-finish and finishing stages, key for maximum performance is to immediately agitate (screed, float, finish, etc) to work into surface.
2. Apply based on coverage rates above, and as needed during finishing, do not apply over 300 sf per gallon per application.

Storage & Shelf Life:

Should be kept in the original container, with the lid fastened tightly. Store in a cool, dry place raised off the floor. Keep in a temperature range of 40–100°F or 4–38°C and DO NOT allow FREEZE. Seal container again after each use. Keep out of reach of children. Do not mix with other chemicals.

Cleanup:

Any solution that cannot be reclaimed and reused should be cleaned with water and disposed of according to local, state and federal regulations.

Physical Properties:

Appearance	Odorless clear liquid
VOC Content	0 g/l – free
Freeze point	32°F – 0°C

VOC Compliance:

VOC compliant with national, state and district regulations at 0 g/L.

WARNING & SAFETY INFORMATION:

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. BEFORE USING THIS PRODUCT PLEASE READ THE SAFETY DATA SHEET IN ITS ENTIRETY!

WARRANTY INFORMATION:

The information contained herein is believed to be reliable. This information is based on laboratory testing and results. Because of variations in methods, conditions and equipment, each user must test this product to make a judgment of performance. Applicator is responsible for testing material for effectiveness and performance. Manufacturer obligation is limited to the refund of purchase price or replacement of material if proven to be defective. Claims must be made in writing and received within one year from date of product sale to original buyer.