



LIZO

The Nano Advantage for your Flooring and Construction

LIZO HD

High Performance Concrete Hardener and Densifier

PRODUCT DESCRIPTION

LIZO HD is advanced lithium chemistry that hardens and dust-proofs new and existing concrete. This easy to- use water-based solution requires no rinsing and is VOC compliant in all areas of the world.

When sprayed on new or existing concrete, it penetrates into the concrete, where it reacts with free calcium to form insoluble calcium silica hydrate, which makes concrete more water, stain, and abrasion resistant for easier maintenance and longer life. It is also suitable for concrete polishing procedures and helps prolong the life of polished finishes.

For applications where greater shine and stain resistance is required (schools, restaurants, retail, grocery, commercial, etc.) discuss your requirements to suggest suitable Lizo grade.

USE

New and Existing Concrete

FEATURES

- Easy application, no rinsing required
- Penetrates, no film to lift or peel off
- Reduces efflorescence and surface sweating
- Does not contribute to surface ASR
- VOC Compliant, can contribute to LEED points
- Prolongs finish of polished surfaces
- Resists stains and dusting, making concrete easier to maintain

APPLICATION

New Construction Steel Troweled: 500-750 ft²/gallon (12.37-18.41 m²/liter)

Existing Concrete: 400-650 ft²/gallon (9.82-15.95 m²/liter)

Texture and absorption of surface will determine final coverage rates. Porous concrete surface may require additional material.

Surface Preparation:

Precautions: Apply only when temperatures will be above 36° F (2° C) for at least 4 hours following application.

In hot, windy conditions, apply in the early morning or at night. It may be necessary to spray water on hot concrete to cool the surface prior to application so LIZO HD does not flash-dry on the surface.

Clean surface to remove any dirt, laitance, curing compounds or coatings that may prevent LIZO HD from penetrating the surface.

Do not use citrus or acidic cleaners. If acid dyes or cleaners have been used, neutralize the surface using an alkali cleaner (ask for CLEARNERS FROM US). Do not use high pressure sprayers as they may over atomize the material. Do not allow LIZO HD to come into contact with glass, fabric, metal, or painted surfaces.

Immediately wipe contaminated surfaces with a damp cloth, then wipe dry with a second clean cloth.

Mixing: Mildly agitate before each use.

Placement:

Using an HVLP sprayer, or a good pump up sprayer for smaller jobs, spray LIZO HD evenly on the surface. Spread out any pools with a soft bristle broom or a flat microfiber pad. If areas begin to dry out before 20 minutes (edges, high spots) spray on more material.

Surface is ready for use when dry, but the complete reaction may take up to two weeks to develop depending on site temperature and conditions.



If concrete is dyed, acid stained, or integrally colored, it may be advisable to clean with scrubbing equipment once the application is complete to produce a more even finish.

To enhance the color intensity, gloss and light reflectance, and to reduce efflorescence, mineral deposits and staining use Lizo PHF High-gloss, Stain and Wear Protector in conjunction with LIZO HD as a post-applied topical treatment.

On newly placed concrete, LIZO HD may be applied immediately after the finishing, or immediately after joints have been cut and cleaned, or anytime thereafter, at the project manager's discretion.

Our approved membrane forming curing materials or bond breakers may be applied over the top of LIZO HD once it is no longer wet on the surface. Contact us for more recommendations.

CLEAN UP

Use soap and water to clean tools and equipment. Although LIZO HD is non-toxic and environmentally safe, it is alkali—use up or dry out extra material and dispose of according to local regulations. Don't pour into sewer systems or storm drains.

MAINTENANCE

Clean up spills promptly. Regular aggressive scrubbing with neutral cleaners is recommended. Avoid cleaners containing citrus or butyl compounds, or cleaners with a pH below 7.

STORAGE

Keep away from freezing. Shelf life is 24 months from date of manufacture, properly stored in original unopened containers.

LIMITATIONS FOR PROFESSIONAL USE ONLY

- LIZO HD will not bridge or fill cracks and will not salvage honeycombed or structurally unsound surfaces.
- Not suitable for asphalt or non-cement surfaces or painted surfaces.
- Keep from freezing.
- Does not replace need for proper concrete mix design, placement and finishing techniques, proper joint installation And /or proper curing of newly placed concrete.

PRECAUTIONS

READ MSDS PRIOR TO USING PRODUCT

- KEEP OUT OF REACH OF CHILDREN.
- Although this product is non-toxic and non-hazardous, it is alkali. (ph 10.5-11.5)
- Keep container closed tightly when not in use. Wear goggles and gloves. If splashed in eyes, rinse eyes immediately with clean water and call a physician if irritation persists.
- LIZO HD will dry out and irritate the skin. Clean skin with soap and water promptly.
- Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet.
- LIZO HD will bond to most surfaces immediately, so wash off over spray with water and mild detergent.
- CAUTION: Surfaces wet with LIZO HD may be slippery.

PACKING

200 lts. HDPE Barrels
Small packs available against request

For any other information please send an email at:

relations@beechems.com

Our customer care team will get back to you as soon as possible.

Bee Chems

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