

HD-37 Concrete Densifier Plus™

Product Description

HD37™ is a premium lithium based concrete densifying solution. HD37™ is formulated to create a chemical reaction between the nano-sized molecules of the lithium and the “free lime” that exists in all poured concrete. This reaction causes the molecular voids in the concrete to be filled by the now fully hydrated lime particles, thus creating a denser surface. In addition to the standard benefits of a densifier this product is fortified with double the normal amount of lithium. This becomes useful when concrete is strength deficient* or a faster, more efficient polishing process is required.

Features and Benefits

Dustproofs and helps to eliminate efflorescence in concrete
Penetrates deep into the slab reaching available free-lime, adding strength and abrasion resistance
Double strength for a better result
Aids in negative side waterproofing and radon mitigation
Useful indoors and outdoors
Will not cause “whiting” as potassium and sodium silicate products will
Ready for use in an hour with no rinsing required
HD37™ truly is the “anti-coating”, no peeling, yellowing or hot-tire issues, ever!

Recommended Applications

HD37™ is recommended for all new and old exterior concrete surfaces requiring preservation and protection. Interior surfaces such as parking garages, residential/commercial garages, basements and porches will benefit from this product too.

Technical Data

Solids: 18%	Appearance: Clear/Cloudy
VOC Level: 0	Abrasion Resistance: Penetrating Product
Dry time: 1-2 hours	Concrete Adhesion
Recoat time: while wet-one treatment recommended	Foot traffic: 1 hour
Solvent Resistance: Minimal	Wheel traffic: 2 hours
Finish: None (penetrating product)	Application temp: 45-90 degrees

Coverage Rates

Burnished concrete: 350-400 sq ft. per gallon
Power-Troweled concrete: 300-400 sq ft per gallon
Hand-Troweled concrete: 250-300 sq ft. per gallon

Shelf-Life

HD37™ has a two year shelf life in an unopened container. Protect from freezing or extreme heat.

Packaging

One gallon, 5 gallon, 50 gallon drum and 275 gallon tote container. *Available for private labeling in 5 gallon, 50 gallon drum and 275 gallon tote container units- please consult.*

Instructions for Use

All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free application. Under certain conditions, a precipitate may be deposited as the lithium solution dries. The substrate should show no visible moisture prior to application. Stir material before using. Apply material to the horizontal surface without thinning with a brush, mop or spraying equipment. When applying the material, always maintain a wet edge as this will reduce any chance of water spotting. When spraying, this product can damage vegetation, stain or etch glass, aluminum, metal and plastic. After the product has been in contact with the substrate to allow for penetration and reaction, excess material can be removed by mopping off the excess. Normally one coat is all that is required. It is best to make a second pass when desired while the substrate is still wet. Avoid overlapping wet to dry as this can cause water spotting because the product will not be able to penetrate a dry area that was treated as well as in an area that has been treated but not yet dried.

Clean-Up

Use any suitable mild detergent with a neutral pH to slightly alkaline pH and water.

Product Removal

This product cannot be removed by any stripper. It is a penetrating product.

Precautions and Limitations

Restrict the use of the floor to light traffic and non-harsh chemicals 24 hours has passed. Keep the floor dry for this period (excluding the application of the product) Always test cleaners prior to use. Remember to apply any colorants or stains prior to using this product. It will "block" colorants from penetrating the slab.

*this product may or may not make a weak surface strong but will make a strong surface stronger.

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