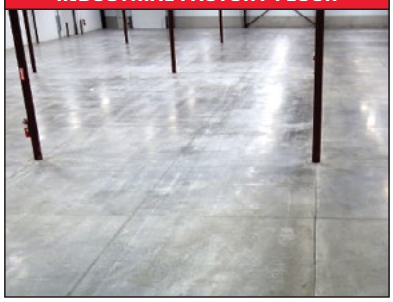
CONSEAL™ CONCRETE SEALANTS INC.

SEAL OF SECURITY. BOND OF TRUST.

ConBlock™ HP

LITHIUM-BASED PENETRATING CONCRETE SEALER

High Performance Concrete Sealer for Sealing, Dustproofing, and Hardening


INDUSTRIAL FACTORY FLOOR

APPLICATIONS

ConBlock HP is a high-performance penetrating concrete sealer made from a propriety blend of inorganic materials that react with Portland Cement Concrete to create crystalline formation within the concrete pore structure. ConBlock HP is used to improve the durability, chemical resistance and hardness, as well as reduce the porosity of poured concrete. There is no scrubbing, washing or flushing needed when applying ConBlock HP to concrete flooring applications. Concrete HP will produce a hardened concrete surface with a satin gloss. The gloss may improve over time with washing and buffing operations. The concrete will remain breathable while resisting the penetration of liquids or moisture. Concrete floors will not sweat, making ConBlock HP suitable for applications where a laminated floor will be applied.

PERFORMANCE PROPERTIES

- Water repellent for concrete/masonry
- Reduces porosity/absorbency
- Improves freeze-thaw scaling protection
- Increase hardness-6.5% (ASTM C805)
- Abrasion resistance-25% increase (ASTM D4060)
- Reduces permeable void space-16.5% (ASTM 642)
- Increases compressive strength-13-19% (ASTM C39)
- Reduces efflorescence
- Improves resistance to deicing salts

PHYSICAL PROPERTIES & CHEMICAL COMPOSITION

Drying Time:	20 minutes (serviceable in 4 hr.)
VOC Content:	0 g/L
Solids Content:	5.5-7.5
Coverage:	**125-200 square feet/gallon**
Shelf Life:	One-year unopened container
pH:	11.0-13.0
Density:	8.5-9.0 lbs./gal
Clean-up:	Warm, soapy water

Will not contribute to alkali-silica reactivity (ASR)

DO NOT SUBJECT CONBLOCK HP TO FREEZING TEMPERATURES BEFORE USE.

DIRECTIONS FOR USE

Surface Preparation: The concrete must be clean and free from dust, dirt, heavy wax, thick grease, recently applied surface sealer, acrylic paint and debris before application of ConBlock HP. Inspect surface for soundness. Repair or remove any surface irregularities and loose concrete, using an approved crack filling method on static hairline cracks. When the surface is clean, sound and dry, proceed with coating application.

Mixing: Stir thoroughly prior to use. **DO NOT THIN OR DILUTE CONBLOCK HP.**

Application: Apply ConBlock HP at an approximate rate of 125-200 square feet per gallon, depending upon the concrete's porosity. Low pressure spray equipment such as a hand pump garden sprayer works well for small to medium size areas. For larger areas, airless spray equipment is recommended. Do not allow ConBlock HP to pond or puddle, as a white residue will likely form on the surface of the concrete. On horizontal surfaces, move the excess material from the low spots to the high spots with a squeegee. A broom, paint roller or microfiber pad can be used to spread out areas that puddle to prevent over application.

Note: Wastewater from scrubbing is non-hazardous.

LIMITED WARRANTY
This information is presented in good faith, but we cannot anticipate all conditions under which this information and our products, or the products of other manufactures in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combinations for their own purposes. It is the **users' responsibility** to satisfy himself as to the suitability and completeness of such information for this own particular use. We sell this product without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of this product, whether used alone or in combination with other products.

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