

ConBlock SH

Water Based, Reactive Concrete Densifier & Hardener



Water Based Concrete Sealer for Portland Cement Concrete

Product Description

ConBlock SH is a non-toxic, water-based penetrating concrete sealer made from a proprietary blend of inorganic materials that reacts with Portland Cement Concrete to create crystalline formations within the concrete pore structure. Applying ConBlock SH improves the durability, chemical resistance, and hardness, as well as reducing the porosity of concrete.

Additionally, ConBlock SH reduces “dusting” on concrete surfaces which is beneficial in preparing the surface for the application of coatings and adhesives. ConBlock SH will not change the color of your concrete and can be polished after treatment to create a glossy sheen. Since ConBlock SH is a penetrating sealer and not a coating, the surface characteristics are virtually unaffected.

Features and Benefits

- Reduces dusting
- Reduces porosity / absorbency
- Improves freeze / thaw scaling protection
- Increases chemical resistance
- Improves abrasion resistance

Physical Properties

- Color: Clear to slightly hazy liquid
- Odor: None to slightly soapy
- Density: 9.15 lbs/gal
- pH: 11.5 to 12
- VOC: 0 g/l
- Coverage: 125-200 SF/gallon

Product Testing

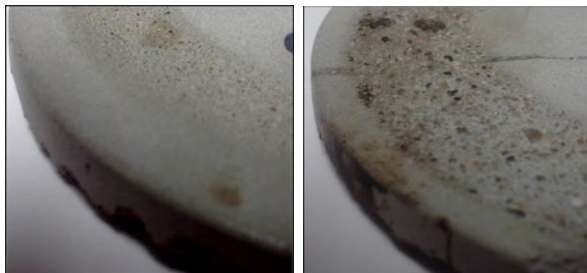
Scaling Resistance



ASTM C-672 Standard Test Method for
*Scaling Resistance of Concrete Surfaces Exposed
to Deicing Chemicals*

After 50 cycles, the ConBlock SH treated block showed minimal scaling as compared to the control, which showed severe scaling.

Abrasion Resistance



After 40,000 cycles with a Taber Abrasion Tester, the treated concrete (left) was unaffected. The untreated concrete (right) suffered significant abrasion.

Don't Just Seal It, ConSeal It!

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Concrete Sealants, Inc. 9325 State Route 201 ■ Tipp City, OH 45371 ■ Toll Free 800.332.7325

P. 937.845.8776 F. 937.845.3587 ■ www.conseal.com



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Product Testing Continued

ASTM C642 *Standard Test Method for Density, Absorption, and Voids in Concrete*
ConBlock SH passes the 24 hour and 50 day test requirements for absorption.

ODOT SS 841 *Proof of Crack Sealing Test (Modified AASHTO T259)*

The test requires a minimum result of 2 for treated specimens over untreated specimens. ConBlock SH passed with a rating of 8.8 with an average crack width of 0.002" (0.05mm).

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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