



Specifications

Bone Dry Structural Sealer

Description

Bone Dry Structural Concrete Sealer is a single-application, VOC-free, permanent penetrating sealer for concrete, ideal for parking garages, sidewalks, and other commercial concrete exteriors. It's designed to boost abrasion resistance, minimize cracking and spalling, enhance freeze-thaw durability, block salt intrusion, and facilitate easy removal of mold from concrete surfaces.

Product Testing

Test	BD Structural Sealer
Abrasion Resistance @25 Cycles	1- Very Slight (40% improvement)
Abrasion Resistance @50 Cycles	2- Slight (60% improvement)
Water Absorption	70% Reduction
Freeze/Thaw Durability @300 Cycles	98%
Chloride Penetration @ 1"	0.064%

ASTM Standards

Curing Standards

Bone Dry Structural Sealer Complies with the Following Standards:

ASTM C309 Type 1 Class A

Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete

ASTM C156 – 17

Standard Test Method for Water Loss

ASTM C39 / C39M - 18

Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens

ASTM C1202 - 19

Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration

Concrete Preparation

Bone Dry Structural Sealer must be applied to a clean concrete surface free of any coatings, dirt, and debris. Rinsing the slab with a hose or power washing the concrete will adequately clean the slab. For oils and stains, **Bone Dry Degreaser** can be applied to clean the area.

Cracks, Spawling, and Pop Outs

Any existing cracks or damage should be filled and repaired prior to applying the sealer. Use of a cement-based product for repairs is preferred.

Equipment for Application

Bone Dry Structural Sealer can be applied using a pump or battery powered sprayer with a wide fan tip or using a heavy nap roller.

Stamped concrete must be applied using a roller to avoid puddling along the indented areas.

Product Spread Rates

The spread rate for the Bone Dry Structural Sealer is 250-300 square feet per gallon.

Limitations

Concrete must be porous and free of surface coatings. If the concrete is polished and there is concern that the surface is not absorptive, sprinkle water droplets on the concrete. If the water droplets don't absorb within a couple of minutes, the pores of the concrete are not open. Our **Etch-a-Crete** can be used to open the pores of the polished concrete surface prior to applying the Structural Sealer. **Do not apply** to existing decorative exposed aggregate or stained concrete surfaces as discoloration may occur.

Application Process

Using a sprayer to apply the sealer, apply the Structural Sealer with a 50% overlap. Allow the sealer to absorb for 5-8 minutes. After 5-8 minutes apply a second coat in the areas that absorb into the slab.

Storage

Product must be stored in conditions above freezing and below 90 degrees Fahrenheit. The shelf life of product is 2 years.

Contact

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Warranty Information

Bone Dry Structural Sealer carries a manufacturer's limited warranty stating that this product is free of defects and covers replacing the Bone Dry Product if there is a claim on the product.