



Bone Dry Structural Sealer

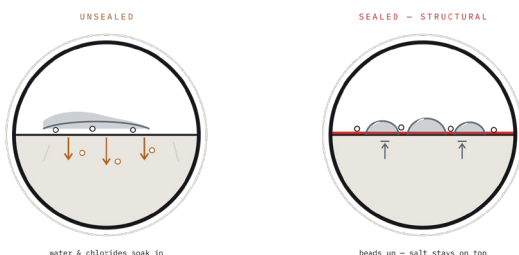
Description

Bone Dry Structural Concrete Sealer is a single-application, VOC-free, permanent penetrating sealer for exterior exposed concrete: parking structures and lots, sidewalks, driveways, patios, and warehouses. It boosts abrasion resistance, minimizes cracking and spalling, enhances freeze-thaw durability, blocks salt intrusion, and makes mold easy to remove.

The sealer penetrates the surface and becomes part of the concrete itself — no film on top to wear, peel, strip, or recoat. One application protects new or existing concrete permanently, and on new flatwork it functions as the curing compound: cured and sealed in the same pass, with no second mobilization.

Protection & Performance

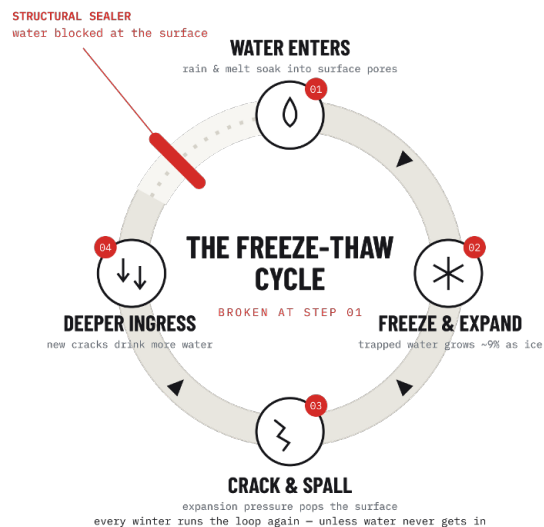
Deicing salts are the primary attack on exterior concrete: dissolved chlorides ride water into the slab, corrode embedded steel, and accelerate scaling. Sealed, water beads instead of soaking in and chlorides stay on top where rain carries them away. The same closed porosity drives the freeze-thaw result — water that cannot enter the slab cannot expand inside it.



Unsealed: water and chlorides soak in. Sealed: water beads, salt stays on top.

Product Testing

Test	BD Structural Sealer
Abrasion @ 25 Cycles	1 – Very Slight (40% improvement)
Abrasion @ 50 Cycles	2 – Slight (60% improvement)
Water Absorption	70% reduction
Freeze / Thaw @ 300 Cycles	98%
Chloride Penetration @ 0.5"	0.168%



300 freeze-thaw cycles — 98% durability retained.

ASTM Standards

Curing Standards

Bone Dry Structural Sealer functions as a curing compound. As a penetrating, non-membrane-forming product, it is outside the scope of ASTM C309 (Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete). Used standalone, it achieves the results a curing compound achieves. Where the project specification requires ASTM C309, pair Bone Dry Structural Sealer with Bone Dry Dissipating Sealer.

Complies with the following standards:

ASTM C156 – 17 — Standard Test Method for Water Loss

ASTM C39 / C39M – 18 — Compressive Strength of Cylindrical Concrete Specimens

ASTM C1202 – 19 — Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration

Concrete Preparation

Apply to a clean concrete surface free of any coatings, dirt, and debris; a hose rinse or power washing will adequately clean the slab. For oils and stains, apply **Bone Dry Degreaser** first. Fill and repair any existing cracks, spalling, or pop-outs before sealing — cement-based repair products are preferred.

Equipment & Application

Apply with a pump or battery-powered sprayer with a wide fan tip, or a heavy-nap roller. **Stamped concrete** must be rolled to avoid puddling in the indented areas.

Spray with a 50% overlap and allow the sealer to absorb for 5–8 minutes; then apply a second coat in the areas that absorb into the slab. Protect adjacent finished surfaces, glass, and vegetation from overspray. On freshly placed flatwork, the same application functions as the curing compound — cured and sealed in one pass.

Spread Rate · Limitations · Storage

250–300 sq ft per gallon, by surface porosity and texture.

Concrete must be free of surface coatings. **Do not apply** to decorative exposed aggregate or stained concrete — discoloration may occur.

Store above freezing and below 90°F. Shelf life: 2 years.

Warranty

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.

The information and data herein are believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Bone Dry Products, Inc. warrants only that its products will meet its current specifications. The user's exclusive remedy, and the sole liability of Bone Dry Products, Inc., is limited to refund of the purchase price or replacement of any product shown to be otherwise than as warranted.

Contact

Bone Dry Products, Inc. · 9009 58th Place, Kenosha, WI 53144

262-694-9748 · info@bonedryproducts.com · bonedryproducts.com