

Bone Dry Original and Bone Dry Plus

Bone Dry Original and Bone Dry Plus share one installation procedure. On existing or cured concrete, spray one coat, then a second coat only where the first soaks in. Plus adds antimicrobial protection.

AT A GLANCE

Item	Details
Equipment	Pump or battery-powered sprayer with a wide fan tip. Edges can be applied with a squeegee or heavy nap roller.
Cured or remodeled slabs	One coat, then a second coat only where the first has soaked in
At the pour	One coat with a 50% overlap. Only one coat is required.
Wait before the second coat	Cured or remodeled slabs: no more than 10 minutes.
Coverage	200 to 250, 300 to 350 or 350 to 450 sq ft per gallon, depending on the surface finish (see Coverage)
Slab moisture	Protects finished flooring, coatings and adhesives on slabs up to 100% RH and calcium chloride readings up to 25 lbs
Application temperature	35–95 °F ambient and surface (2–35 °C)
Storage	Above freezing and below 90°F. Shelf life is 2 years.

WHERE TO USE

- Interior and exterior cement-based surfaces, new or existing: slabs below, on or above grade, garages, driveways, patios, porches, sidewalks and concrete pavers.
- Under or over patching compounds.
- Extremely porous concrete block walls, when used with Bone Dry Primer. Bone Dry Primer is sold as Bone Dry Block Wall; see that sheet.
- Do not apply to existing decorative exposed aggregate or stained concrete. Discoloration may occur.

BEFORE YOU START

- Mask finished surfaces with plastic up to 2 feet from the concrete. This includes cabinetry, glass, finished metal and finished painted areas. Overspray can discolor them. Overspray can be removed with concentrated vinegar. Painted areas affected by overspray can be repainted.
- The sealers can be applied with a pump or battery-powered sprayer with a wide fan tip. Edges can be applied with a squeegee or heavy nap roller.
- Application temperature: apply when ambient and surface temperatures are between 35 °F and 95 °F (2 °C and 35 °C).
- Read the Safety Data Sheet before use.

SURFACE PREPARATION

Newly cured concrete

The sealer can be applied to newly cured concrete with no wait time.

1. Scrape, buff or broom sweep all construction material and debris off the slab. This includes dust, paint and drywall mud.
2. If the slab has a heavily burnished (mirror-like) or polished finish, apply Bone Dry Etch-A-Crete or mechanically profile the surface to open the pores.

Leveling and skim coating must use a cement-based product. It can be done before or after sealing.

Remodeled concrete

1. Mechanically profile slabs with prior surface coatings to a minimum concrete surface profile of 2 (CSP 2).
2. Slabs with known moisture issues and slabs over 10 years old must receive a top coating of a cement-based product after being profiled to CSP 2.
3. Complete floor leveling and skim coating before sealing. If the leveled or skim-coated surface needs sanding, sand it before sealing.

Minor patching and skim coating can also be completed after sealing if needed. Epoxy, urethane, polyaspartic and other resin systems require a CSP 3 profile and do not require a cement-based top coating.

Cracks, trenches and patch materials

- Fill existing cracks with visible gaps and float over them with cement. Expansion joints are excluded.
- Cover the saw cuts of trenches with a cement-based coating before sealing.
- Floor leveling products must be cement-based, with a minimum compressive strength of 4,000 psi at 28 days.
- Gyp-Crete is prohibited with this product.

APPLICATION

Existing or cured concrete

1. Apply one coat until the slab looks wet to slightly cloudy.
2. After completing a section, let it sit for no more than 10 minutes.
3. Apply a second coat only where the sealer has penetrated and the concrete texture is visible.

Once dry, the slab may look cloudy from product solidifying on the surface. Contaminants from inside the slab may also rise to the surface and add discoloration. Remove loose particles with a vacuum or hand scraper before applying any finished coatings.

At the pour

When the concrete surface is hard enough to walk on without indentations, apply one coat of the sealer with a 50% overlap. Only one coat is required.

Contact Bone Dry Products for approval if finished flooring will be installed less than 14 days after the pour.

When applied at the time of the pour, apply curing or insulating blankets after the sealer is dry to the touch; if time constraints require the blankets to be placed while the sealer is still wet, this is acceptable and will not adversely affect the sealer's performance.

Curing

Used standalone, the sealer functions as the curing compound and achieves the results a curing compound achieves. ASTM C309 covers liquid membrane-forming compounds and does not apply to a penetrating sealer. Where a specification names C309, a dissipating curing compound can be applied after the sealer.

COVERAGE

Surface finish	Coverage (sq ft per gallon)
Broom troweled	200 to 250
Mechanically troweled	300 to 350
Heavily burnished or polished, pores opened with Etch-A-Crete	350 to 450

DRY TIME BEFORE FLOORING

Let the sealer dry 18-24 hours before installing flooring. With the Quick Dry option, dry time is 6 hours. Remove any loose particles from the surface with a vacuum or hand scraper before installing flooring. After an application at the pour, the 14-day approval rule above still applies.

ADHESIVES

1. Remove construction dust, particles pushed to the surface and loose product dried on the surface. Low spots where product puddled and dried can be scraped off if loose.
2. Apply adhesives placed directly on the sealed concrete per specifications for a non-porous substrate.

Exception: adhesives do not have to be applied per specifications for a non-porous substrate if the sealer was applied during the concrete pour.

STORAGE

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

WARRANTY AND SUPPORT

Bone Dry Original and Bone Dry Plus carry a manufacturer's limited warranty that the product is free of defects. It covers only replacing the Bone Dry product if there is a claim on the product.

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Prepared from the [Bone Dry Original Penetrating Sealer Specifications](#) and the [Bone Dry Plus Penetrating Sealer Specifications](#), both posted October 9, 2026. Current specification sheets and SDS: [Bone Dry Original](#) and [Bone Dry Plus](#).