

Bone Dry Pro Sealer

Bone Dry Pro is a spray-applied penetrating sealer for concrete slabs that will receive flooring, adhesives, surface coatings or roofing. Apply it at the pour, on newly cured concrete, or on remodeled slabs.

AT A GLANCE

Item	Details
Equipment	Pump or battery-powered sprayer with a wide fan tip
Application temperature	35–95 °F ambient and surface (2–35 °C)
Cured or remodeled slabs	One coat, then a second coat while the first is still wet, only where the sealer has absorbed
At the pour	One heavy coat with 50% overlap between passes
Coverage	300 to 340 sq ft per gallon on broom-finished, troweled or mechanically profiled concrete. Burnished and polished slabs differ (see Coverage).
Dry time, cured or remodeled slabs	About 6 hours in optimal conditions; 12 hours or overnight recommended
Foot traffic, at the pour	Permitted once the slab is dry to the touch. Heavy equipment is also permitted once the product is dry to the touch.
Slab moisture	Protects finished surfaces and adhesives on slabs up to 100% RH and MVER up to 25 lbs/1,000 sq ft/24 hours. No further moisture testing is needed after application.

BEFORE YOU START

- Application temperature: apply when ambient and surface temperatures are between 35 °F and 95 °F (2 °C and 35 °C).
- Mask adjacent finished surfaces with plastic sheeting up to 2 feet from the concrete. This includes cabinetry, glass, metal finishes and painted areas. Overspray can discolor them.
- Overspray can be removed with concentrated vinegar. Overspray on painted surfaces can be repainted. If product dries on a finished surface, scrape it carefully with a razor blade, then clean with a Magic Eraser or vinegar-based cleaner. This may not restore the original finish.
- Bone Dry Pro can be applied with a pump or battery-powered sprayer with a wide fan tip. Craftsman, DeWalt, Milwaukee and Chapin battery-powered sprayers are recommended.
- On newly placed slabs, a vapor retarder must be in direct contact with the underside of the slab, per ASTM E1643-11, ACI 302.2R-06 and ASTM F710-17.
- Read the Safety Data Sheet before use.

SURFACE PREPARATION

Newly cured concrete

Bone Dry Pro may be applied to cured concrete during any phase of construction.

1. Remove all construction residue and debris by scraping, buffing or broom sweeping. This includes dust, paint overspray and drywall compound.

2. If the slab has been heavily burnished (mirror-like) or polished so that it no longer absorbs, apply Bone Dry Etch-A-Crete or mechanically abrade the surface to restore porosity. To check, run a water droplet test: if the droplets penetrate the concrete within 2 to 3 minutes, no etching or profiling is needed.

Leveling or patching may be done before or after sealing. Before leveling or patching over sealed areas, remove any excess, pooled or loosely adhered sealer residue.

Remodeled concrete

1. Mechanically profile slabs with previous coatings or treatments to a minimum Concrete Surface Profile (CSP) of 2.
2. Apply a minimum 1/8-inch overlay of cementitious topping compound over the profiled surface before sealing. Contact Bone Dry Products for exemptions.

Minor patching repairs may also be completed after sealing. For slabs that will receive a resin-based floor system, see Resin-based floor systems for the profile and top coating requirements.

Bone Dry Products lists approved toppings in [Remodels: Approved Top Coatings](#).

Cracks, trenches and patch materials

- Fill all existing cracks with visible gaps and trowel them flush with a cementitious patching compound. Expansion joints are excluded.
- At trenches, extend and feather the patching material at least 4 inches beyond the saw cuts onto the adjacent concrete.
- Floor leveling and patching materials must be cementitious. Gypsum-based underlayments such as Gyp-Crete are strictly prohibited.
- Leveling and patching materials may be sanded before or after sealing.

Resin-based floor systems

- Epoxy, urethane, polyaspartic and other resin systems must be 100% solids.
- The concrete must be profiled to CSP 3 before Bone Dry Pro is applied.
- Resin systems do not require a cement-based top coating.

APPLICATION

Cured and remodeled slabs

1. Work in sections of 1,000 to 1,500 sq ft.
2. Apply the first coat evenly until the surface looks saturated and lightly opaque.
3. Let it penetrate for 3 to 5 minutes. Do not exceed 10 minutes.
4. Apply a second coat while the first is still wet. Coat only the areas that absorbed the sealer and show the concrete texture.
5. Let the sealer dry. It dries in about 6 hours in optimal conditions; 12 hours or overnight is recommended for full curing.

After drying, the slab may look hazy or darkened, which is normal. Where excess product dried as thick white residue in depressions or over-applied areas, remove the loose material by gentle scraping or light mechanical buffing.

At the time of the pour

Consult Bone Dry Products on the application procedure if the slab will be heavily burnished to a mirror or polished finish.

1. After the final trowel pass, let the slab cure until it supports foot traffic without surface indentation.
2. Spray a single heavy coat with 50% overlap between passes.

3. Allow foot traffic once the slab is dry to the touch. Heavy equipment is also permitted once the product is dry to the touch.
4. 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.

Get prior approval from Bone Dry Products if finished surfaces will be installed within 14 days of concrete placement.

Curing

Bone Dry Pro functions as a curing compound. It is a penetrating, non-membrane-forming product, so it is outside the scope of ASTM C309. Used standalone, it achieves the results a curing compound achieves. Where a specification requires C309 by name, a dissipating curing compound can be applied after the Pro Sealer.

COVERAGE

Surface	Coverage (sq ft per gallon)
Broom-finished, troweled or mechanically profiled	300 to 340
Heavily burnished (mirror-like), polished or Etch-A-Crete-treated	350 to 400
Intensively burnished or polished, in select instances	Up to 500

On every surface, apply evenly until the concrete is thoroughly saturated and a mild opaque film begins to form. That film signals an adequate dose for the coat.

ADHESIVES AND FLOORING

1. Remove remaining construction dust, efflorescent particles on the surface and loose sealer residue. Scrape or lightly abrade loose material where product pooled and cured in depressions.
2. Use trowel-applied or roller-applied adhesives that can be installed over non-porous surfaces.
3. Apply adhesives placed directly on the sealed concrete per the manufacturer's specifications for non-porous substrates.

Exception: adhesives do not have to be applied per specifications for a non-porous substrate if Bone Dry Pro was applied during or shortly after the concrete pour.

Bone Dry Products warrants the adhesion of the flooring manufacturer's specified adhesive on concrete treated with Bone Dry Pro.

WARRANTY AND SUPPORT

Contact Bone Dry Products for details on the project-specific 25-year commercial warranty. It includes material and labor to remove and replace the cementitious top coating, adhesive and finished surfaces if there is a concrete moisture, bonding or pH related issue. Warranties are project specific and are executed after invoicing and completion of the warranted project.

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Prepared from the [Bone Dry Pro Penetrating Sealer Specifications, Rev. 10/9/2026](#). Current specification sheet and SDS: bonedryproducts.com/product/bone-dry-pro.