

Bone Dry Block Wall

Bone Dry Block Wall (Bone Dry Primer) is step one of a two-step system for concrete block, shotcrete and gunite. Prime with Block Wall, then seal with Bone Dry Original or Bone Dry Plus while the primer is still damp. On a wall with soil behind it, the system is applied from the interior side.

AT A GLANCE

Item	Details
Substrates	Porous cement-based materials: concrete block, shotcrete, gunited concrete
Coverage	About 80 to 150 sq ft per gallon, depending on substrate porosity
Dilution	None. It must be applied at full strength.
Equipment	Spray equipment (see Equipment). Brushes and rollers are not recommended.
Minimum surface temperature	45°F
Next step	Bone Dry Original or Plus, applied while the primer is damp

BEFORE YOU START

- No preparatory work is generally required. Unpainted surfaces generally need no surface preparation.
- Remove heavy wax, thick grease, recently applied surface sealer, rubber or acrylic paint, and any other impervious material. The primer must reach the surface to penetrate.
- The primer will not penetrate latex, polyvinyl or acrylic-based paints, or nonporous rubber-based paints.
- For oil, grease or acid conditions, clean the surface first: scrape heavy deposits, then clean thoroughly with a commercial degreaser.
- Outdoors, protect vegetation and adjacent areas from direct spray and overspray.
- Read the Safety Data Sheet before use.

EQUIPMENT

Equipment	Suited to
Spray bottle	Small areas
Low-pressure spray equipment, such as a hand-pumped garden sprayer	Medium-sized areas
Airless spray equipment	Large areas

Brushes and rollers are not recommended because of the primer's low viscosity.

APPLICATION

1. Dampen the surface with a fine mist of water. Do not saturate it.
2. Saturate the surface thoroughly with the primer at full strength, at about 80 to 150 sq ft per gallon depending on porosity. After cleaning an oil, grease or acid condition, apply until the substrate is thoroughly soaked.

3. Watch the absorption. If the primer soaks in quickly, generally within fifteen minutes, apply additional material.
4. On horizontal surfaces, do not let the primer pond or puddle. A white residue will likely form. Move excess from low spots to high spots with a squeegee, mop or broom, and pick up the remainder with a wet vac or mop.
5. Remove any white deposits left by over-application by brushing, flushing with water, or both. Do this before any further Bone Dry application.
6. Let the substrate dry to a damp condition.
7. Apply Bone Dry Original or Bone Dry Plus while the primer is damp. See the Original and Plus sheet.

Basement walls and outside walls follow the same procedure. Accidental over-application will not discolor the surface, but it may leave white deposits.

TILE AND BRICK

Do not apply to glazed floor or wall tile, or to glazed or hard-fired brick. The glaze prevents penetration. The primer may be applied over these materials to seal the grout joints:

1. Let the primer soak sufficiently into the grout.
2. Remove all excess with a wet vac, squeegee or mop.
3. Wipe the surface with a damp cloth or sponge to minimize white deposit or film.

LIMITATIONS

- For cement-based building materials only. It does not effectively penetrate asphalt, metal, wood, brick or masonry.
- Do not apply to masonry with mortar or grout that contains a latex binder.
- Do not apply or store at freezing temperatures. Minimum surface temperature is 45°F.
- If the product freezes in storage, agitate the thawed material thoroughly to assure a uniform solution.

WARRANTY AND SUPPORT

Bone Dry Products, Inc. warrants only that its products will meet its current specifications. The remedy is limited to refund of the purchase price or replacement of any product shown to be otherwise than as warranted. The user should thoroughly test any proposed use and is responsible for determining suitability. See the specification sheet for the full warranty statement.

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Prepared from the [Bone Dry Block Wall Product Specifications, Rev. July 2026](#). Current specification sheet and SDS: bonedryproducts.com/product/bone-dry-block-wall.