

**Powder**

# Foundation Waterproofer

Gray - 45 lb. Pail



Technical Bulletin



## DAMTITE WATERPROOFING

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**FOR CONCRETE, BRICK & MASONRY**

- **Covers twice the area of most other brands!**
- **Seals below-grade exterior concrete walls**
- **Not affected by alkali or acid in soil**

### EXCELLENT FOR:

- **Block and poured concrete, masonry, stucco and brick**
- **Above or below grade exterior foundations**
- **Birdbaths, fountains and swimming pools**
- **Drinking water holding tanks or cisterns**
- **Great as a base coat for waterproofing**
- **Basement, garage and retaining walls**
- **Unventilated areas - crawl spaces and cellars**
- **Reducing Radon Gas entry**

### Description:

A Portland cement-based, heavy duty powder that is specially formulated to form a hard impervious surface that waterproofs, seals and protects below-grade exterior walls constructed of concrete (poured or block), stone or masonry. Use for parge coat instead of regular cement. Also, excellent for coating drinking water holding tanks or cisterns, birdbaths, fountains, crawl spaces, exterior above-grade or interior basement and garage walls. It also reduces radon gas penetration. Unlike ready-mixed waterproofing paints, that can only be applied to dry walls, this product must be applied when walls are wet. Tip: Wear protective gloves and goggles.

### Surface Preparation:

The most important step to insure maximum waterproofing performance and adhesion. Clean the surface thoroughly using a wire brush to remove any loose mortar, dust, paint, grease or oil. Clean mortar droppings from top of footer. Point and fill all cracks and broken joints; anchor and seal around all utility pipes that penetrate foundation walls and block corners with either **Damtite Hydraulic Cement** or **Damtite SuperPatch**. Remove powdery salt-like deposits (efflorescence) with **Damtite Concrete Cleaner** or mild acid. Then, using a garden hose or garden sprayer adjusted to a fine mist, insure surface is uniformly dampened with clean water to achieve proper coating penetration and adhesion. Dampening the surface with clean water prior to painting is critical for best performance.

### Mixing:

Using a clean container, only mix 1/2 of the powder (22.5 lb) to make two separate mixes since this mix will harden within 12 hours. Start with a gallon plus 1 pint of water, then gradually add 22.5 lb (8 quarts) of powder, while stirring constantly with paint stirrer or attachment to electric drill, to a thin, pancake consistency. For smaller quantity mix, add 2 parts powder to 1 part clean water.

For smooth, non-porous (poured concrete, stone, tile or brick) or previously painted surfaces: For best adhesion, mix 2 quarts of **Damtite Bonding Liquid** with 2 quarts plus 1 pint of clean water for each 22.5 lbs of powder. Allow mix to set for 15 minutes before applying to activate waterproofing agents. During application, stir often and add a little water if needed to prevent premature hardening. After first application, clean pail and repeat the steps with the remaining powder.

### Application:

TWO-COAT APPLICATION IS REQUIRED FOR BEST WATERPROOFING PERFORMANCE. Use a top quality nylon brush or roller. Insure surface is uniformly dampened with clean water. Begin above the grade level and work downward,

making sure to cover the joint between the walls and the footer. Apply liberal amount of product, brushing in different directions to penetrate and fill pores, pinholes, and cracks. Smooth out the second finish coat by lightly brushing in one direction across the wall after applying it. To avoid lap marks on above grade applications, complete from corner to corner in one application. Dip brush in clean water often for easier workability.

Allow surface to dry 24 hours (or longer time in unventilated areas) until dry to touch. When dry, APPLY SECOND COAT following same procedure. Dampen surface with clean water before applying second coat. For areas with severe water seepage problems, apply third coat after second coat dries. **Damtite Foundation Waterproofer** forms a hard, non-porous surface when it is completely set up. If a second coat cannot be applied within 24 hours, use **Damtite Bonding Liquid** at a 50-50 ratio with water in mixture for second coat.

### Curing:

After applying the final coat, lightly mist the surface twice a day for two days. This moist curing will insure a stronger and longer lasting coating. Wait 7-10 days before backfilling. Product can be coated with asphalt or tar based black foundation coating. When backfilling foundations, protect the coated wall against damage from stones or equipment.

### Limitations:

Warranty not applicable when used over previously painted surfaces, sandstone, or glazed tile.

Do not apply to frosted surfaces or where surface temperature is expected to fall below 40°F within 48 hours.

Product is not formulated to withstand foot traffic.

If applying to exterior surfaces during high winds, direct hot sun or high temperatures, finished coating must be fog sprayed with fine, low pressure mist of clean water 2-3 times per day to prevent drying too quickly. Product requires 12-24 hour slow dry time.

### Coverage:

45 lb of mix will cover up to 600 sq. ft. on smooth, non-porous and 300 – 450 sq. ft. on rough, porous surfaces.

### Clean-Up/Storage/Disposal:

Wash hands and tools with soap and water immediately after use. Store unused powder tightly sealed in original container. Dispose of product in accordance with local, state and federal regulations.

Coverage: up to 600 sq. ft.

Size	Color	Stock No.	Pack
45 lb. Pail	Gray	02451	1

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