

## Powder, HEAVY DUTY Formulas

# Waterproofer

White & Gray - 50 lb. Pails  
White & Gray - 50 lb. Bags

FOR CONCRETE, BRICK & MASONRY



Technical Data Sheet



## DAMTITE WATERPROOFING

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- **10-Year Guarantee**
- **Economical, Easy-Mix Solution**
- **Apply to Wet or Dry Walls**
- **Breathable Film; No Moisture Trapped in Wall**
- **Safe for Drinking Water Tanks & Cisterns**

### EXCELLENT FOR:

- **Concrete Block, Cinder Block, Poured Concrete, Fieldstone, Masonry, Brick & Stucco**
- **Interior/Exterior, Above/Below Grade**
- **Concrete Drinking Water Tanks & Cisterns**
- **Basement & Garage Walls**
- **Retaining & Sea Walls**
- **Bird baths, Fountains, Fish Ponds, Planters & Bare Concrete Swimming Pools**
- **Foundations – Above & Below Grade**
- **Unventilated Crawl Spaces & Cellars**
- **Concrete Silos & Tornado Shelters**
- **Reducing Radon Gas Penetration**

### Description:

Heavy-Duty, Portland cement-base, waterproofing coating for sealing, protecting & decorating walls and surfaces constructed of poured concrete, concrete/cinder block, masonry, stone, brick or stucco. Safe coating for sealing the inside of drinking water concrete tanks and cisterns. Easy to use; just add water (plus **Damtite Bonding Additive** for previously-painted or non-porous surfaces) and mix. Eliminates dampness; resists mold/mildew & flaking/chalking while beautifying and sealing all pores & voids.

Unlike ready-mix paints which can only be applied to dry surfaces, this product is made for use on wet or dry surfaces. It withstands over 22psi of hydrostatic pressure (equal to holding back a 48 foot high wall of water). Plus, it is breathable, so moisture does not get trapped behind the surface. It also reduces Radon Gas infiltration. Not formulated to withstand foot traffic. *Tip: Wear protective gloves and goggles.*

### Surface Preparation:

Most important step for best waterproofing results and adhesion. Clean the surface thoroughly with wire brush to remove any loose mortar, paint, dust, grease or oil. Then, follow our Step 1-2-3 Project Guideline: **Step 1-Prepare the Surface:** Remove powdery, salt-like, alkaline deposit (efflorescence) or form-oil residue with **Damtite Concrete Cleaner**. After 20-30 minutes, rinse surface well with water. **Step 2-Repair the Surface:** Fill holes, cracks or active water leaks and mortar joints with **Damtite Hydraulic Cement**. **Step 3-Decorate & Waterproof:** Apply two coats of this product. Important: using garden sprayer, hose set to fine mist or brush, completely dampen surface with clean water immediately prior to applying and keep surface wet during application.

**WARNING!** If you scrape, sand, or remove paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead)

### Mixing:

Since the mix will harden within 1 hour, mix not more than 1/2 of the powder or 25 lb (11,3 kg). For porous bare surfaces (concrete or cinder block): First add 3.5 quarts (3,3 L) of clean water into a clean mixing container. Then gradually add 25 lb (11,3 kg) of powder while stirring constantly to a "pancake batter" consistency, using a paint stirrer or attachment to electric drill. For smooth, non-porous bare surfaces (poured concrete, stone, unglazed terra-cotta, tile or brick) or previously-painted surfaces: add **Damtite Bonding Additive** as replacement of water. Depending upon surface conditions, for each 25 lb (11,3 kg) of powder, use

total liquid as either 2 quarts (1,9 L) of Additive plus 1 1/2 quarts (1,4 L) of water or replace all water with 3 1/2 quarts (3,3 L) of Additive. Keep powder to total liquid at 2.5 to 1 ratio. For smaller quantity mixes, add 2.5 parts powder to 1 part total liquid. Allow mix to set undisturbed for 15 minutes to activate the waterproofing agents before applying. During application, stir often. To prevent hardening, add a little water if needed. After 1st application, clean mixing pail. Repeat same steps for 2nd coat.

### Application:

TWO-COATS REQUIRED FOR BEST RESULTS & WARRANTY. Apply with a nylon paint brush or roller. Insure surface is uniformly pre-wetted & dampened with clean water before applying each mix. Start at top of wall in corner and work down wall, applying liberal amount of product, brushing first coat in different directions to penetrate & fill pores, pinholes and hairline cracks. Smooth out the second coat by lightly brushing in one direction across wall. To avoid lap marks, complete from corner to corner in one application. Allow first coat to dry 24-48 hours (or longer in unventilated or severe leaking areas). Dampen surface lightly with clean water prior to applying second coat. Follow same procedures to apply second coat.

### Limitations:

- Do not apply to frosted surfaces or when surface temperature is below 50°F (10°C) within 48-72hrs.
- If applying to exterior surfaces during high winds, direct hot sun or high temperatures, each coat must be sprayed with fine, low pressure mist of clean water 2-3 times/day to prevent drying too quickly, which will cause cracking.
- May not perform as well over previously painted surfaces, field/sandstone, or glazed tile/brick, so first apply small sample test area.

### Coverage:

1st coat over bare smooth/non-porous surface or 2nd coat application: Up to 350 sq ft (32,5m<sup>2</sup>). 1st coat over rough/porous surface: approximately 280 sq ft (26,0m<sup>2</sup>).

### Clean-Up/Storage/Disposal:

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

### CAUTION:

#### KEEP OUT OF REACH OF CHILDREN.

Contains Portland cement, silica and lime. It may cause skin burns and/or allergic reactions or be irritating to eyes and skin. Wear waterproof gloves, goggles and protective clothing when using this product. For prolonged professional use, avoid breathing dust by wearing NIOSH/MSHA-approved respirator and by mixing in area with adequate ventilation. In case of eye contact, flush area with clean water for 15 minutes. DO NOT RUB EYES. Call a doctor or poison control center immediately. DO NOT TAKE INTERNALLY. If ingested, take 1-2 glasses of water and call doctor immediately.

Available sizes and coverages :

50 lb. pail - covers up to 350 sq. ft.

Size	Color	Stock No.	Pack
50 lb. Pail	White	01551	1
50 lb. Pail	Gray	02551	1

50 lb. bag - covers up to 350 sq. ft.

Size	Color	Stock No.	Pack
50 lb. Bag	White	01501	1
50 lb. Bag	Gray	02501	1
50 lb. Bag	Foundation (not a finish coating)	03501	1

DAMTITE WATERPROOFING  
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Powder HEAVY DUTY Formula Waterproofer - White & GRAY -50 lb.