



SURTREAT HYDROGUARD

Heavy Duty Powder Waterproofer

PRODUCT DESCRIPTION

A 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 HydroGuard Bonding Additive for previously-painted or non-porous surfaces) and mix. Eliminates dampness; resists mold/mildew & flaking/chalking while 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 22 psi 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.



WHEN TO USE

- Sealing and protecting walls and surfaces constructed of concrete block, cinder block, poured concrete, fieldstone, masonry, brick, or stucco.
- Waterproofing interior and exterior surfaces, above and below grade.
- Safe coating for sealing the inside of drinking water concrete tanks and cisterns.
- Eliminating dampness, mold/mildew, and flaking/chalking on basement and garage walls.
- Sealing retaining and sea walls to prevent water intrusion and erosion.
- Waterproofing bird baths, fountains, fish ponds, planters, and bare concrete swimming pools.
- Protecting foundations, both above and below grade.
- Sealing unventilated crawl spaces and cellars to prevent moisture buildup.
- Waterproofing concrete silos and tornado shelters.
- Reducing Radon Gas penetration.

BENEFITS

- Safe for drinking water tanks and cisterns
- Resists mold and mildew
- Can be applied to wet and dry substrates
- Breathable
- Extremely durable
- With Bonding Additive can be applied on painted surfaces
- Reduces Radon Gas infiltration

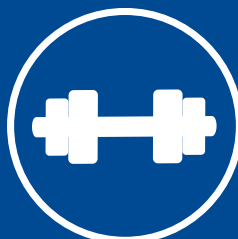
EXPECTED PERFORMANCE



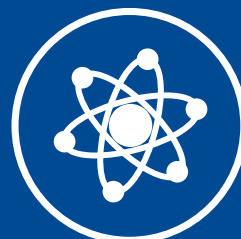
**ELIMINATES
DAMPNESS**



BREATHABLE



**RESISTS
FLAKING AND
CHALKING**



**RESISTS MOLD
AND MILDEW**



**SEALS PORES
AND VOIDS**

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. Prepare the Surface: Remove powdery, salt-like, alkaline deposit (efflorescence) or form-oil residue with Surtreat Concrete Cleaners. After 20-30 minutes, rinse surface well with water.

Repair the Surface: Fill holes, cracks or active water leaks and mortar joints with Surtreat HydroSet Cement.

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

MIXING

Since the mix will harden within 1 hour, mix not more than ½ 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 **HydroGuard 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 ½ quarts (1,4 L) of water or replace all water with ¾ 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. 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.

COVERAGE:

1st coat over bare smooth/non-porous surface or 2nd coat application: Up to 350 sq ft (32,5m²). 1st coat over rough/porous surface: approximately 280 sq ft (26,0m²).

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 unused product in accordance with local, state, and federal requirements.

PACKAGING

50 pound pail

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.

CAUTION AND FIRST AID

Eye Contact: Rinse eyes with cool water for 15 minutes. Hold eyelids open during flushing with water. Get medical attention.

Ingestion: If swallowed, immediately drink two glasses of water and induce vomiting. Get medical attention immediately. Do not give anything to an unconscious or convulsing person. For additional information on personal protective equipment, first aid, and emergency procedures, refer to the product Material Safety Data Sheet (MSDS) on the job site or contact the company at the address or phone number given below.

Handling: This product is to be applied by professional contractors only. All applicators should wear OSHA and NIOSH recommended protective equipment. Do not use or dilute the product in closed areas without adequate ventilation. Immediately close the container after removal of the solution. Avoid contact with skin, eyes and clothing. Do not smoke, eat or drink during application. Wash thoroughly after handling. Keep out of reach of children. Do not inhale or ingest or modify the solution. Refer to MSDS.

Precautions: KEEP OUT OF REACH OF CHILDREN. DO NOT SWALLOW. Use with adequate ventilation. Avoid mist and direct contact with eyes, skin and clothing. Wear suitable protective goggles, gloves, and clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel ill, seek medical advice. Wash clothing prior to re-use.

LIMITED WARRANTY NOTICE

Every reasonable effort is made to apply Surtreat® exacting standards both in the manufacture of our products and in the information that we issue concerning these products and their use. We warrant our products to be of good quality and will replace any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement, SURTREAT® MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANT ABILITY. RESPECTING ITS PRODUCTS, and SURTREAT® shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the Surtreat® Technical Manager. TPS and SURTREAT are trademarks of Surtreat Solutions. All rights reserved 2021. For professional use only. Not for sale to or use by the general public.

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