



HydraCoat Waterproofing Cement

Ordinary coatings can't stop below grade seepage through concrete & masonry because of hydrostatic water pressure. But SWEPCO HydraCoat will. Highly refined tobermorite gel technology penetrates deeply into capillaries of masonry surfaces to anchor itself, making secure bonding in negative hydrostatic water pressure conditions possible. HydraCoat is the perfect solution for control of subgrade moisture in projects large and small . . . from tunnels to basements. And because it is suitable for contact with potable water, it is also ideal for lining interiors of water tanks and cisterns. For versatility and unexcelled performance . . . choose SWEPCO HydraCoat.



KEY FEATURES

- works where others fail
- reliable waterproofing for both above & below grade concrete & masonry surfaces . . . inside or out
- ideal for projects large and small . . . tunnels, tanks, pipes, conduits, basements, parapet & retaining walls
- especially recommended for control of interior below grade seepage and weeping caused by negative hydrostatic pressure
- just mix and brush on properly prepared surface
- hardens in fifteen minutes
- more than three times as strong as competitors
- passes British Standard for contact with potable water
- paintable after curing with acrylic emulsion paint
- works with the most common types of masonry . . . cement, haydite block, brick, stone and many others
- available in 65 pound (29 kg) pails

SWEPCO HydraCoat Works Where Others Fail . . .



UTILITY
TUNNELS



SUBGRADE
STAIRWELLS



EQUIPMENT
ROOMS

Advanced tobermorite gel technology gives SWEPCO HydraCoat the holding power to withstand negative hydrostatic water conditions. Bonding strength of more than 1,300 psi is achieved once fully cured. That's more than three times the holding power of major competitors and is the primary reason HydraCoat lasts longer.

PERFORMANCE



Roofing & Building Maintenance Products
Technical Information & Specifications

Refer to Product Data Bulletin or Product Container Label for complete preparation, application and coverage rate information.

HydraCoat Waterproofing Cement

PURPOSE & DESCRIPTION

SWEPCO HydraCoat is a fast setting hydraulic cement coating used for waterproofing above and below grade concrete and masonry. Excellent bond adhesion and flexural strength enable HydraCoat to handle negative hydrostatic water pressures, making it ideal for use on subgrade tunnels, pipes, walls, conduits, equipment rooms, stairwells, elevator shafts and more. It also meets British Standard 6920 for direct contact with potable water, so it is an excellent choice for lining concrete cisterns and water tanks. Suitable for a wide variety of other uses including waterproofing exterior masonry walls, parapet walls and many other applications.

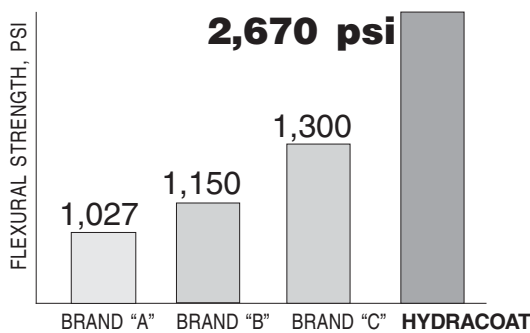
SUPERIOR PERFORMANCE



SWEPCO HydraCoat waterproofs two ways:

First, the tobermorite gel chemistry penetrates deep into capillaries to seal the source of water and anchor the coating to the wall.

Second, it bonds itself to the surface to seal it against moisture penetration from either side.



SWEPCO HydraCoat works where others fail because it has unexcelled bond adhesion strength of 1,320 psi . . . three times that of the leading competitor. It also has the flexural strength to resist cracking due to dynamic stresses.

PHYSICAL PROPERTIES

- Water Vapor Permeability: 10 perms
- Freeze/Thaw Resistance: Excellent
- Meets British Standard 6920 For Potable Water Contact
- Unit Weight (Cured): 17.0 lbs./gal. (2.04 kg/liter)
- Pot Life: 60 minutes
- Initial Set: 15 minutes
- Final Set: 95 minutes
- Bond Adhesion Strength: 1,320 psi
- Compressive Strength: 4,260 psi
- Flexural Strength: 2,670 psi
- Tensile Strength: 766 psi

PACKAGING

Available in 65 pound (29 kg) pails.

SURFACE PREPARATION

Surfaces must be clean, sound and porous. Holes and cracks should be sealed with SWEPCO HydraPlug before application.

APPLICATION

Mix dry mortar and liquid activator into heavy batter. Mix no more than can be applied in 60 minutes. Apply in two coats with stiff masonry brush, broom or specialized spray equipment. Scrub first coat in and broom surface with all strokes in one direction to enhance adhesion of second coat. After overnight cure, apply second coat with all strokes perpendicular to first coat. Keep moist with water mist for three days.

COVERAGE RATES

One pail yields 65 pounds (29 kg) of mixed material. Depending upon the type of application, first coat coverage requires 28.0 - 42.0 lbs. per 100 sq. ft. (1.4 - 2.1 kg/m²). Second coat coverage requires 14.0 - 28.0 lbs. per 100 sq. ft. (0.7 - 1.4 kg/m²).

CURING

Initial set occurs in 15 minutes. Final set within 95 minutes. Final cure in as much or more than 28 days.

CLEAN-UP

Clean-up spills and tools with water before the product sets.

STORAGE

Unopened containers have a shelf life of one year provided they are stored in a dry location and protected from temperature extremes.

Southwestern Petroleum Corporation

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