

WATCHDOG WATERPROOFING®



WATCHDOG WATERPROOFING features a flexible, polymer-enhanced waterproofing membrane (A) that provides reliable, leak-free protection. **WATCHDOG WATERPROOFING** is designed for spray application on poured concrete or parged block walls.

Installed by experts

WATCHDOG WATERPROOFING® is installed by Barrier Solutions Contractors – professionals skilled in the details of successful basement waterproofing. These contractors undergo extensive training and are monitored for quality performance to ensure the highest quality application.

Surface preparation

The wall surface should be smooth, monolithic and clean. Remove loose aggregate, dust, mud or sharp protrusions from the wall. On poured concrete walls, remove all wall ties – both inside and out. Repair all substantial voids – including large tie holes, cracks and honeycombs larger than your fist – with an asphalt-based mastic or non-shrinking grout.



The WATCHDOG WATERPROOFING membrane is spray-applied to seamlessly bridge foundation settling cracks and seal out water penetration. Its material was specifically designed for spray application on below-grade exterior foundation walls. The membrane remains elastic at low temperatures for dependable year-round protection.

System application

WATCHDOG WATERPROOFING membrane is sprayed evenly over the entire foundation wall. The membrane can be applied when ambient temperatures are as low as 20°F, and on damp or green concrete. However, the membrane must not be applied over standing water, a water film, ice or snow. On poured concrete basements, WATCHDOG WATERPROOFING can be applied as soon as the forms are removed, and on parged block basements, as soon as the mortar is dry.

Curing and backfilling

Foundations coated with WATCHDOG WATERPROOFING should be allowed to cure at least 16 to 24 hours, or longer if ambient temperatures are below 45°F and/or if humidity is 80% RH or above. Make sure the membrane is cured before installing drain tile and gravel (unless the membrane is protected by foundation board at least 24 inches up from the footer) and backfilling. Use clean fill materials for backfilling. Avoid backfilling with sharp, angular rocks, any rocks bigger than a softball, and any materials that may puncture the waterproofing membrane.

Drainage requirements

WATCHDOG WATERPROOFING is designed for use with a foundation drainage system consistent with local codes and good construction practices. A typical exterior drainage system consists of 3-inch minimum perforated drainage pipe – with gravel over the pipe, on the footer and at least 10 inches up the face of the vertical wall. The drain tile should channel water to either an operating sump pump or to daylight. The grade should always slope away from the foundation.

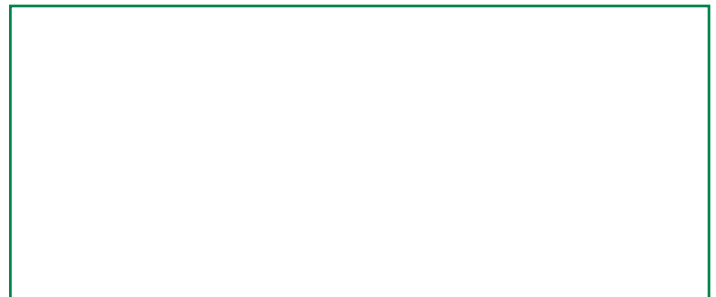
Environmentally responsible

WATCHDOG WATERPROOFING membrane uses a non-flammable, water-based carrier that meets VOC limits in all 50 U.S. states. It has been thoroughly tested by independent labs using Federal EPA standards for leaching. The results prove that no harmful leaching of the membrane occurs.

Availability and cost

WATCHDOG WATERPROOFING is competitively priced and available through your Barrier Solutions Contractor. For more information about WATCHDOG WATERPROOFING, contact your local Barrier Solutions Contractor, call Tremco Barrier Solutions at 800-DRY-BSMT or visit WATCHDOGWATERPROOFING.com.

Your local Barrier Solutions Contractor is:





WATCHDOG
WATERPROOFING®

WATCHDOG WATERPROOFING®

SPECIFICATIONS

MEMBRANE PROPERTIES

Type Polymer-enhanced asphalt liquid-applied membrane

Color Black

Solids 62 (percent by weight)

Density 8.1 lbs/gal

Application Airless spray

Application Temperature Minimum 20°F

Cure Time 16–24 hrs

Thickness 60 mils (wet)¹

Adhesion to Concrete (Peel, N/m)

Results Exceeds

Method ASTM C-836

Elongation

Results 1800%

Method ASTM D-412

Low Temperature Flexibility

Results Flexible to 0°F

Method See²

Crack Bridging Ability

Results Exceed 10 Cycles to 1/8" at 0°F

Method ASTM-836

Water Vapor Permeance

Results 0.44 perms for 60-mil wet coating (grains/sf/hr)

Method ASTM E-96 Wet Method

Resistance to Degradation in Soil

Results Good

Method ASTM E-154

Mold Growth and Bacterial Attack

Results No Degradation

Methods ASTM D-3273, ASTM D-3274

1. Membrane cures (dries) to 40 mils.

2. Bend waterproofing compound around 1" mandrel.