



# WATCHDOG WATERPROOFING®



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

## Installed by experts

WATCHDOG WATERPROOFING is installed by select waterproofing 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 regulations 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 select waterproofing contractor. For more information about WATCHDOG WATERPROOFING, contact your select waterproofing contractor, call Koch at 800-DRY-BSMT or visit [www.WATCHDOGWATERPROOFING.com](http://www.WATCHDOGWATERPROOFING.com).

**Your local select waterproofing contractor is:**



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** 24 hrs

**Thickness** 60 mils (wet)<sup>1</sup>

**Adhesion to Concrete**

*Results* Exceeds

*Method* ASTM C-836

**Elongation**

*Results* 500%

*Method* ASTM D-412

**Low Temperature Flexibility**

*Results* Flexible to 0° F

*Method* See<sup>2</sup>

**Crack Bridging Ability**

*Results* Exceed 10 Cycles to 1/8 in. at 0° F

*Method* ASTM C-836

**Water Vapor Permeance**

*Results* 0.44 perms (grains/sq.ft./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 in. mandrel.