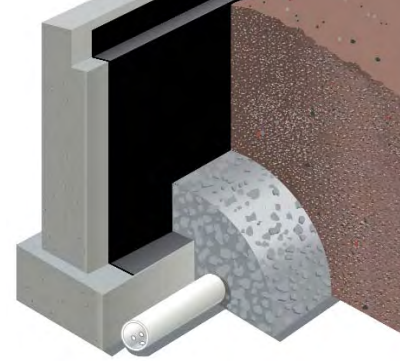


# The fierce protection of WATCHDOG WATERPROOFING.



## APPLICATION GUIDELINES

CCMC I3067-R

### From the leader in spray-applied waterproofing.

WATCHDOG WATERPROOFING™ is manufactured by Tremco Barrier Solutions, Inc. – North America's leading supplier of spray-applied waterproofing membranes for new basements. Since 1983, the makers of WATCHDOG WATERPROOFING and the TUFF-N-DRI™ Basement Waterproofing System have built a strong track record of successful spray-applied waterproofing products.

### Installed by select applicators.

WATCHDOG WATERPROOFING is installed only by Barrier Solutions Contractors. These contractors undergo training to ensure the highest quality application.

### Surface preparation.

The wall surface should be smooth and monolithic. Remove loose aggregate and sharp protrusions from the wall. Voids, spalled areas and exposed aggregate should be patched with suitable mastic before spraying. WATCHDOG WATERPROOFING does not require any priming or special preparation.

### Membrane application.

WATCHDOG WATERPROOFING membrane is sprayed evenly over the entire foundation wall. The membrane can be applied when ambient temperatures are as low as -18°C (0°F), allowing for fewer construction delays. However, the membrane must not be applied over standing water, a water or ice film, frost, ice or snow. On poured concrete basements, WATCHDOG WATERPROOFING can be applied as soon as the forms are removed, and on 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 before backfilling. Backfilling should comply with local code requirements.

### 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 or 4-inch (75-100mm) minimum perforated drainage pipe, with gravel over the pipe, on the footer and up the face of the vertical wall, or as specified by local code. The drain tile should channel water to either an operating sump pump or to daylight. The grade should always slope away from the foundation.

**WATCHDOG WATERPROOFING** features a flexible, polymer-enhanced asphalt membrane that's spray-applied to poured concrete and block foundation walls. Spray application seamlessly spans foundation settling cracks and seals out water penetration (whereas air gap products have seams that can let harmful moisture through).



### Environmentally responsible.

WATCHDOG WATERPROOFING membrane uses a non-flammable, water-based carrier that is environmentally responsible. It has been thoroughly tested by independent labs to 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 contact your local Barrier Solutions Contractor, call 800-DRY-BSMT or visit [WATCHDOGWATERPROOFING.com/Canada](http://WATCHDOGWATERPROOFING.com/Canada).



**WATCHDOG**  
WATERPROOFING™



# SPECIFICATIONS



**WATCHDOG**  
WATERPROOFING™

## MEMBRANE PROPERTIES

<b>Type</b>	Polymer-enhanced asphalt liquid-applied membrane	
<b>Colour</b>	Black	
<b>Solids</b>	62 (percent by weight)	
<b>Density</b>	8.1 lbs/gal	
<b>Application</b>	Airless spray	
<b>Application Temperature</b>	Minimum -18°C (0°F)	
<b>Cure Time</b>	16–24 hrs	
<b>Thickness</b>	60 mils (wet) <sup>1</sup>	
<b>Adhesion to Concrete (Peel, N/m)</b>	<i>Results:</i> 1200 N/m	<i>Method:</i> ASTM C-836
<b>Elongation</b>	<i>Results:</i> 1800%	<i>Method:</i> ASTM D-412
<b>Low Temperature Flexibility</b>	<i>Results:</i> Flexible to -20°C (-4°F)	<i>Method:</i> CGSB 37.58-M86
<b>Crack Bridging Ability</b>	<i>Results:</i> Exceed 30 Cycles at -20°C (-4°F)	<i>Method:</i> CGSB 37.58-M86
<b>Water Vapour Permeance</b>	<i>Results:</i> 0.44 perms for 60-mil wet coating (grains/sf/hr)	<i>Method:</i> ASTM E-96 Wet Method
<b>Resistance to Degradation in Soil</b>	<i>Results:</i> Good <sup>2</sup>	<i>Method:</i> ASTM E-154
<b>Mould Growth and Bacterial Attack</b>	<i>Results:</i> No Degradation	<i>Methods:</i> ASTM D-3273, ASTM D-3274

<sup>1</sup>Membrane cures (dries) to 40 mils. <sup>2</sup>Tensile strength increased by more than 25%; minimum of 10% decrease is standard.

**Your local Barrier Solutions Contractor:**