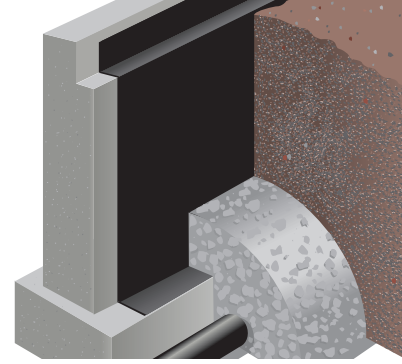


The fierce protection of WATCHDOG WATERPROOFING.



WATCHDOG WATERPROOFING

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 is installed only by Select 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 or non-shrinking grout before spraying. WATCHDOG WATERPROOFING does not require any priming or special preparation.

Membrane application

The WATCHDOG 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 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 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 75-100mm (3 or 4-inch) 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.

Environmentally responsible

The WATCHDOG 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 TremcoBarrierSolutions.ca



WATCHDOG WATERPROOFING features a flexible, polymer-enhanced asphalt membrane that's spray-applied to poured concrete and parged 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).



WATCHDOG
WATERPROOFING®



SPECIFICATIONS



WATCHDOG
WATERPROOFING®

MEMBRANE PROPERTIES

Type	Polymer-enhanced asphalt liquid-applied membrane	
Colour	Black	
Solids	64% ± 3% [percent by weight]	
Density	8.2 ± .15 lbs/gal	
Application	Airless spray	
Application Temperature	Minimum -18°C (0°F)	
Cure Time	16–24 hrs ¹	
Thickness	60 mils (wet) ²	
Adhesion to Concrete (Peel, N/m)	Results: 1200 N/m	Method: ASTM C-836
Elongation	Results: >1800%	Method: ASTM D-412
Low Temperature Flexibility	Results: Flexible to -20°C (-4°F)	Method: CGSB 37.58-M86
Crack Bridging Ability	Results: Exceed 30 Cycles at -20°C (-4°F)	Method: CGSB 37.58-M86
Water Vapour Permeance	Results: $< \frac{43 \text{ ng}}{\text{Pa}\cdot\text{s}\cdot\text{m}^2}$	Method: ASTM E-96 Wet Method
Resistance to Degradation in Soil	Results: Good ³	Method: ASTM E-154
Mould Growth and Bacterial Attack	Results: No Degradation	Methods: ASTM D-3273, ASTM D-3274

¹Typical cure time at 10° and 50% relative humidity (RH), may be longer for lower temperature and/or higher RH.

²Measured in-place with an ASTM D-4414 notch film gauge, wetting the 60-mil tab. Membrane cures to [dries] to 40 mils.

³Tensile strength increased by more than 25%; minimum of 10% decrease is standard.

Your local Barrier Solutions Contractor: