



# WATCHDOG WATERPROOFING®

Spray applied, polymer-enhanced, asphalt membrane

## DATA SHEET

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### Installation

#### 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.

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### 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.

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### Availability

WATCHDOG WATERPROOFING is available through your local Tremco Select Contractor.

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Please refer to our website at [www.tremcosealants.com](http://www.tremcosealants.com) for the most up-to-date Product Data Sheets.

**NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.**

**TYPICAL PHYSICAL PROPERTIES**

| PROPERTY                          | DESCRIPTION                                      |   |
|-----------------------------------|--|---|
| TYPE                              | Polymer-enhanced asphalt liquid-applied membrane |   |
| COLOR                             | Black  |   |
| SOLIDS                            | 64% ± 3% [percent by weight]                     |   |
| DENSITY                           | 8.2 ± .15 lbs/gal                                |   |
| APPLICATION                       | Airless spray                                    |   |
| APPLICATION TEMPERATURE           | Minimum -18°C (0°F)                              |   |
| APPLICATION THICKNESS             | 60 mils (wet) <sup>1</sup>                       |   |
| TYPICAL CURE TIME                 | 16-24 hrs <sup>2</sup>                           |   |
| PROPERTY                          | TEST METHOD                                      | TYPICAL RESULTS   |
| ADHESION TO CONCRETE (PEEL, N/m)  | ASTM C-836                                       | 1200 N/m  |
| ELONGATION                        | ASTM D-412                                       | >1800%  |
| LOW TEMPERATURE FLEXIBILITY       | CGSB 37.58-M86                                   | Flexible to -20°C (-4°F)  |
| CRACK BRIDGING ABILITY            | CGSB 37.58-M86                                   | Exceed 30 cycles at -20°C (-4°F)                                    |
| WATER VAPOUR PERMEANCE            | ASTM E-96 Wet Method                             | $< \frac{43 \text{ ng}}{\text{Pa} \cdot \text{s} \cdot \text{m}^2}$ |
| RESISTANCE TO DEGRADATION IN SOIL | ASTM E-154                                       | Good <sup>3</sup>   |
| MOLD GROWTH AND BACTERIAL ATTACK  | ASTM D-3273, ASTM D-3274                         | No Degradation  |

<sup>1</sup> Measured in-place with an ASTM D-4414 notch film gauge, wetting the 60-mil tab. Membrane cures to [dries] to 40 mils.

<sup>2</sup> Typical cure time at 10° and 50% relative humidity (RH), may be longer for lower temperature and/or higher RH.

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

**0220/WDWDS**

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