

# HYGROTHANE



## Seamless foundation waterproofing for challenging weather conditions

**Hygrothane** Spray-Applied Waterproofing Membrane

**Below Freezing Application**

**Contains no VOCs**

**100% Solids**

**Superb Adhesion**

### Maximum Below-Grade Water Protection

Hygrothane is a spray applied, two-component polyurea waterproofing system designed to provide long-lasting protection against moisture intrusion on concrete foundations. Applied by certified professionals using a high-pressure system, Hygrothane cures quickly to form a seamless membrane that completely seals the foundation wall assembly. The system is suitable for application in a wide range of temperatures, reducing delays caused by cold or wet weather conditions.



#### All Season Application

Performs in cold temperatures down to  $-5^{\circ}\text{C}$  and can be applied over damp surfaces.



#### Seamless Coverage

Seals around fasteners, joints and bridges cracks without any limits on build thickness.



#### Quick Installation & Curing

Can be backfilled in less than an hour after membrane application and protection installation.



#### Ultra-impact resistant

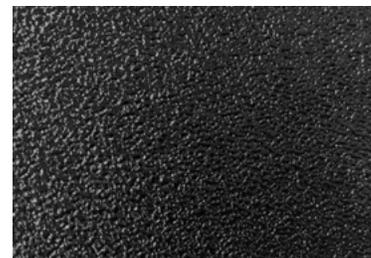
Impact, chemical, puncture and abrasion resistant for protection during backfill process and against later settlement.

# Hygrothane

## Technical Data

Attribute	Test	Results
<b>Tensile Strength</b>	ASTM D412	697N (MD) 793N (XD) 388% Elongation
<b>Peel Strength</b>	CAN/CGSB 37.58-M86 ASTM C794	1726 N/m
<b>Water Absorption (% Mass)</b>	CAN/CGSB 37.58-M86	0.43%
<b>Low Temp Flex</b>	CAN/CGSB 37.58-M86 ASTM C794	-40°C No Crack
<b>Static Puncture</b>	CAN/CGSB 37-GP-56M	Pass Rating 4
<b>Dynamic Puncture</b>	CAN/CGSB 37-GP-56M	Pass Rating 4
<b>Water Vapour Transmission</b>	ASTM E96 1.27 mm	58 ng/ (Pa·s·m <sup>2</sup> )
<b>Crack Bridging</b>	ASTM C1305 14 Day -20/+40	cc
<b>Water Tightness*</b>	CAN/CGSB 37.56-M86	5m No leakage
<b>Plastic Flow (Stability Test @90°C)</b>	CAN/CGSB 37.50-M89	Pass <0.5mm
<b>Lap Peel</b>	ASTM D1876	cc
<b>Colour</b>		Black
<b>Thickness</b>	ASTM D5147	1.27 mm (50 mils)
<b>CCMC</b>		14144-R

\* After puncture, impact, chemical aging,  
heating aging and UV aging



### REFERENCES:

All properties determined through testing by an accredited independent third party test facility.



### GET IN TOUCH:

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