

# HYGROTHANE



## Protect structures with reliable polyurea waterproofing technology

**Hygrothane** Spray-Applied Waterproofing Membrane

**Below Freezing Application**

**Contains 0 VOCs**

**100% Solids**

**Superb Adhesion**

### Long-Lasting Water Protection

Hygrothane is a spray applied, two-component polyurea waterproofing membrane designed to provide a seamless water-resistant protective barrier. The quick curing system is suitable for application in a wide range of temperatures, reducing delays caused by varying weather conditions. Applied by certified professionals, Hygrothane forms a durable membrane that delivers excellent adhesion with minimal surface preparation.



#### All Season Application

Applies and cures in cold outdoor temperatures down to -5°C



#### Monolithic Barrier

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



#### Quick Installation & Curing

Rapid-cure formula and strong adhesion with minimal surface preparation



#### Durable & Lasting Finish

Excellent impact, chemical, puncture and abrasion resistance

### Applications

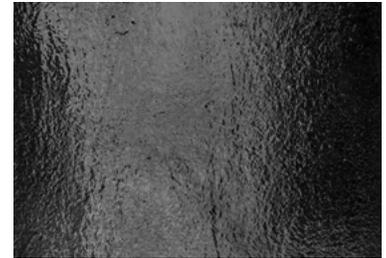
- › Waterproofing for concrete foundation walls
- › Plaza deck waterproofing
- › Bridging cracks in concrete
- › Commercial open-cut waterproofing
- › Waterproofing for wastewater & sewage applications
- › Blindside waterproofing
- › Protection for spray polyurethane foam insulation
- › Storm water tank waterproofing
- › Elevator pit waterproofing

# 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>Air Permeance (40 mils)</b>	ASTM E2178	0.0004 L/s·m <sup>2</sup> @ 75 Pa
<b>Hydrostatic Pressure</b>	ASTM D5385	Pass 92 m (301 ft)
<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	PASS, No splitting or loss of adhesion
<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	1680 N/m
<b>Thickness</b>	ASTM D5147	1.27 mm (50 mils)
<b>CCMC</b>	Waterproofing membrane for below-grade concrete foundation walls	14144-R
<b>Colour</b>		Black

\* 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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