

Product Specification Sheet

SUPERSEAL waterproofing is a water based complex polymer modified asphalt emulsion for below-grade foundation waterproofing.

USES & FEATURES

SUPERSEAL Waterproofing is approved for use on concrete and concrete block foundation walls. It can also be used on shotcrete, blindside applications, ICF's, and wood foundations. **SUPERSEAL** Waterproofing;

- Is tested to exceed waterproofing codes for 40mils (1mm) CCRR-0405 in the USA, CCMC 13452-R in Canada.
- Provides a permanent waterproof barrier.
- Bridges cracks and has exceptional elongation properties.
- Is environmentally safe and contains no V.O.C.'s.
- Trowel and brush grade mastics are available for patching and sealing surface imperfections, tie holes, and honeycombing.



CONDITIONS OF USE

- Apply to clean and debris free surfaces.
- All tie holes, voids, and imperfections must be properly patched with non-shrink grout or mastic prior to installation.
- Apply a dimpled drainage membrane when required.
- Requires the use of good building practices for drainage.
- Do not backfill with sharp or angular stone.
- Do not install during freezing temperatures or when these conditions are imminent during application.
- Cover **SUPERSEAL** Waterproofing from exposure after 15 days.
- Follow the SUPERSEAL installation instructions at www.superseal.ca

WARRANTY

The product warranty for SUPERSEAL Roller-Grade Waterproofing is;

- 5 years when rolled on without SUPERSEAL
- 40 years when used in conjunction with **SUPERSEAL** Dimpled Membrane
- 20 years when used in conjunction with SuperDrain Geo-Textile Drainage Membrane

For detailed warranty terms and limitations go to [superseal.ca](http://www.superseal.ca)



SUPERSEAL ROLLER GRADE WATERPROOFING

Cold, fluid applied waterproofing – Section 07 14 16

Product Specifications

Division 07 Thermal & Moisture Protection 07 14 16 cold applied

PROPERTIES & TESTING	TECHNICAL DETAILS
PHYSICAL PROPERTY	
Type	Polymer-Enhanced high grade asphalt emulsion complex formula
Color	Brown curing to Black
Solids	60%
Density	8.2 lb/ US gal 3.72kg/ US gal
Thickness	40 mils / 1mm dry
Curing Time	8 to 24hr at 70 °F (20 °C), 50% relative humidity. Catalyzed 1-8hr
Application	Sprayer/Roller/Trowel, above freezing and rising.
Storage Temperature	45 to 110 °F (7 to 45 °C)
Shelf-Life Stability	24 Months, above 45 °F (7 °C)

TEST CRITERIA	TESTED TO	RESULTS
Resistance to Water	ASTM C836; ASTM D2939-03	Pass
Water Vapor Permeance	ASTM E96 Dry Cup/E96M-05 (<i>desiccant method</i>) ASTM C836	0.08 US Perms 0.96 US Perms (ng/Pa s m ² = 55.1)
Resistance to Decay <ul style="list-style-type: none"> • Weight loss % • Water vapour permeance 	ASTM E96/E96M ASTM E154/E154M-08 2019. After exposure to organisms in soil	-4.9 .01
Remain in Place During Application	ASTM C836-06	Pass
Hydrostatic Pressure Over Cracks	ASTM C1306-00	18 psi
Low Temperature Crack Bridging	ASTM C836-06; ASTM C1305/C1305M-16	Pass
Low-Temp Flexibility	ASTM C836	No cracking
Extensibility after chemical and U.V. heat aging	ASTM C836-06; ASTM C1522-05 / 2013	Pass - No cracking at 0.25" / 6.35mm
Elastic recovery after heat aging	ASTM C836-06	73%
Elongation	ASTM D412	850%
Hardness 80	ASTM C836; ASTM D2240	Pass
VOC's	Not regulated - water based	51 g/L
Adhesion to Geo-Textile Fabric	ASTM C836	28 lb/inch {38 N/M}

STANDARD ASTM REGULATION - 1 LB PER SQ" @ 28 DAYS.

Peel Adhesion Green Concrete, (N/m) [lb/in] ASTM C836/C836-06	4 days – 1.476 [7.43] 7 days – 2.415 [13.79] 28 days – 2.569 [14.1]
Peel Adhesion after Water Immersion	ASTM C836-06 1.448 (N/m) 106%
Peel Adhesion Dry; Concrete, Aluminum & Wood	ASTM C836-06 1.448 (N/m) 106%

