

Product Specification Sheet

SUPERSEAL waterproofing is a water-based modified elastomeric asphalt emulsion specifically formulated as a spray applied protective coating. SUPERSEAL Waterproofing is a dual component system that is applied using a specially designed spray pump. The technological advances in SUPERSEAL Waterproofing provide an instant-set membrane with excellent strength, elasticity, and adhesion.



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 60mils (1.5mm)
- SUPERSEAL is used in a dual component spray system, the accelerant provides instant set properties allowing for desired film thickness in one application creating a faster curing times with no risk from rain damage. Cold weather instant-set accelerant lowers the freezing point.
- Is a permanent waterproof barrier.
- Bridges cracks and has exceptional elongation properties.
- Environmentally safe and VOC Compliant.

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 from exposure after 30 days.
- The dual component instant-set spray system is required when using a 330g tote, 275g tote, or 55g drum.

WARRANTY

The product warranty for SUPERSEAL Waterproofing is;

- 10 years when applied with SUPERSEAL Instant-Set Accelerant
- 5 years when rolled on without SUPERSEAL Instant-Set Accelerant.
- 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

AVAILABILITY & PACKAGING

SUPERSEAL Waterproofing is available directly from SuperSeal Construction Products Ltd. or through authorized dealers.

PART #	PRODUCT	PART #	PRODUCT
FW03300	330 Gallon Tote Waterproofing	FWP05G	5 Gallon Pail Waterproofing 5 (18.9L)
FW02750	275 Gallon Tote Waterproofing	ACC100-R	Instant Set Accelerant - Red
FW00055	55 Gallon Drum Waterproofing	ACC100-G	Instant Set Accelerant - Green



SUPERSEAL WATERPROOFING – 60 MIL+

Cold, fluid applied waterproofing – Section 07 14 16

Product Specifications

PROPERTIES & TESTING	TECHNICAL DETAILS
PHYSICAL PROPERTY	
Type	Polymer-Enhanced high grade asphalt emulsion complex formula
Color	Brown curing to Black
Solids	63%
Density	8.2 lb/ US gal 3.72kg/ US gal
Thickness	60 mils / 1.5mm dry
Curing Time	8 to 24hr at 70 °F (20 °C), 50% relative humidity. Catalyzed 1-8hr
Application	Spray, Roller, 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	0.06 US Perms 0.67 US Perms
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	25 psi
Low Temperature Crack Bridging	ASTM C836-06; ASTM C1305/C1305M-16	Pass
Low-Temp Flexibility	ASTM C836	Pass
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	90%
Elongation	ASTM D412	1,050%
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 [8.43] 7 days – 2.415 [13.79] 28 days – 2.569 [14.1]	
Peel Adhesion after Water Immersion	ASTM C836-06	1316 (N/m) 103%
Peel Adhesion Dry; Concrete, Aluminum & Wood	ASTM C836-06	1.448 (N/m) 106%

Application	SUPERSEAL Spray system or roller in above freezing and rising.
Storage Temperature	45 to 110 °F (7 to 45 °C)
Shelf-Life Stability	12 Months, above 45 °F (7 °C)

