



Rubberseal™ Waterproofing Solutions

Foundations



Inflow Solutions, Rubberseal™ Foundation System

Inflow Solutions Rubberseal™ foundation waterproofing system is a revolutionary and simplified spray-applied waterproofing membrane created specifically for foundation waterproofing applications. Rubberseal™ Spray Grade Membrane is a two-component, elastomeric coating used to waterproof foundations of any material. Applied using dual-component spray equipment, Rubberseal™ Spray Grade Membrane provides a seamless, flexible, outstanding barrier against water bearing against any foundation.

Rubberseal™ foundation waterproofing membrane surpasses other foundation waterproofing membranes through its unmatched elongation properties, outstanding environmentally-friendly characteristics, unparalleled uplift force per square inch, and through its inherent self-healing properties that allow the Rubberseal™ membrane system to recover from punctures and tears within minutes. See the back of this brochure for Rubberseal's™ ASTM specifications.

- Rubberseal™ Spray Grade can be sprayed up to 450 ft (137 M) from a spray machine, making it extremely convenient for foundation waterproofing applications.
- Our spray equipment weighs under 200 lb. (90kg) so it can be transported from location to location with ease.
- The machine can be gas or electric powered.
- Rubberseal™ can be applied at any thickness.



Outstanding Track Record:

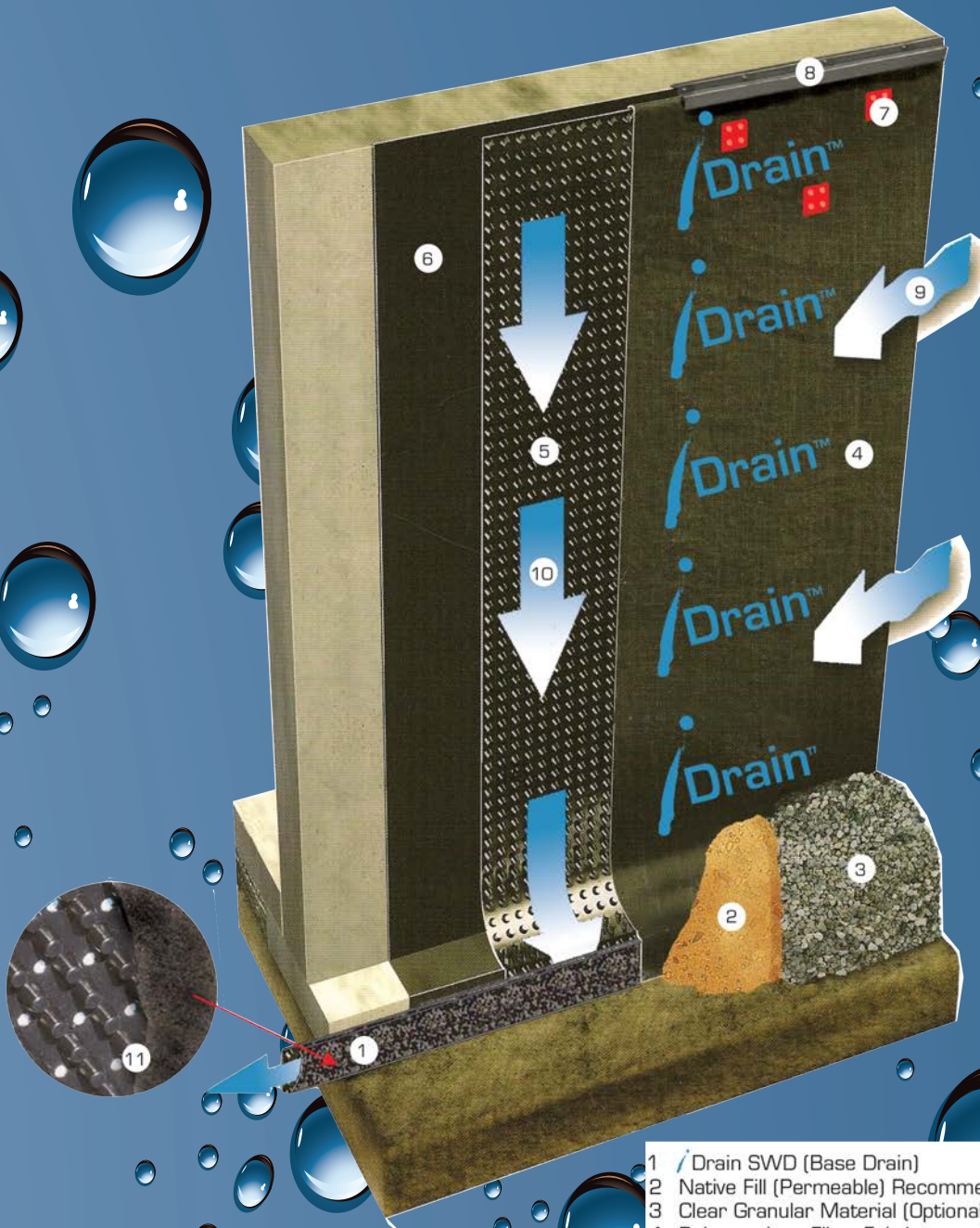
Used on concrete, steel, and many other substrates, Rubberseal™ has an unparalleled track record of over 20 years with the first applications showing no signs of deterioration. Rubberseal™ is designed to improve and outlast the design life of the structure and results in huge savings both in current contract and future maintenance costs. It offers an effective, cost-efficient solution to the problem of foundation waterproofing.



Outstandingly Safe:

- Our Rubberseal™ system contains zero Volatile Organic Compounds (VOCs) and is 100% compliant with USA VOC regulations.
- As a result, Rubberseal™ is extremely safe to the applicator and does not pose any chemical hazards to the applicator.

Complete Foundation System With Rubberseal™ Liquid Applied Waterproofing Membrane



**Drain Geocomposite
Drainage System**

- 1 / Drain SWD (Base Drain)
- 2 Native Fill (Permeable) Recommended
- 3 Clear Granular Material (Optional)
- 4 Polypropylene Filter Fabric
- 5 Polypropylene Drainage Core
- 6 RubberSeal™ Liquid Applied Waterproofing
- 7 / Drain Fast Clip
- 8 / Drain Mold Strip
- 9 Ground Water
- 10 Transported Ground Water
- 11 / Drain SWD inset

*This diagram shows a complete foundation system with drainage components that conforms to Canadian waterproofing foundation specifications. The main component in this system is the Rubberseal™ Liquid Applied Waterproofing Membrane and can act as a standalone waterproofing system -- as a result, *drainage components are optional.*

Product Performance Properties

Description	Property	ASTM
Thickness Tested Mils (mm)	120 mils (3 mm)	ASTM 751/1593/5199
VOC's	0 g/l	
Density	1.02 g/cc	ASTM D 792/1505
Tear Resistance	46 lb (205 N)	ASTM D1004
Puncture Resistance	60 lb (267 N)	FTMS 101, Method 2065
Carbon Black	3%	ASTM D1603
Carbon Black dispersion	A1/A2	ASTM D3015
Dimensional Stability	+/- 3%	ASTM D1204, 212F (100C)1 hr
Environmental Stress Crack Resistance	>3000	ASTM D1693
Low Temp Brittleness	<-100 F (<-70C)	ASTM D746
Oxidation Induction Time	100 mins	ASTM D3895
Ozone Resistance	Slight Surface Cracking	ASTM D1149, 7 days
Water Absorption	<1% Weight Change	ASTM D570
Moisture Vapor Transmission	<0.1 g/m ² day	ASTM E96
Consistency	Pourable liquid	
Color	Black	
Elongation at Break	1650%	ASTM D412
Tensile Strength at Break	Did not fail at maximum	ASTM D412
Recovery	90%	ASTM D412
Peel Strength	Did not peel from substrate	ASTM 903
Low Temperature Elongation (22F, 6C)	>500%	ASTM D412-92
High Temp Aging 48 days (212F, 100C)	>300%, No deterioration or failure	ASTM D240
Service Temperature	-35 to 185 F (-37-85C) No deterioration or failure	ASTM D412-92
Water Absorption Wt Change	1.02% Max	ASTM E96
Permeability	0.016 perms	ASTM E96
Resistance to Static Head	150 psi, No leaks	Calders testers Hydro Stand 10-30K
Ozone Exposure (41 days equiv to 14 yrs)	No Deterioration or Failure	ASTM G19, ASTM D756
Salt Fog Exposure (95F, 35C)	No Deterioration or Failure	ASTM B-117-90 for 1000 hrs
Cathodic Disbondment	No Disbondment	ASTM G8
Class A Fire Rating	Passed	ASTM E108-94
UV Exposure (Equivalent to 45 yrs)	No Deterioration or Failure	ASTM G26
Accelerated Aging test (Equiv. to 45 yrs)	No Deterioration or Failure	ASTM D573, ASTM D412
Noise Reduction	98% @ 205 mils	ASTM E1007, ASTM E492
Added Heat resistant Layer	482 Degrees F (250 Degrees C.)	

Shelf Life	Application	Package Size(s)
Shelf Life	1 years (store in cool dry place above 40F (7C)	5 US G (18.9L) Part A
Time to foot traffic (@73F (23C)) and 50 % humidity.	24 hours	55 US G (208 L) Part A
Full Cure Time (@73F (23C)) and 50 % humidity.	72 hours	275 G Tote Part A
Flash Point (Seta Flash)	>212F (100C)	55 US G (208 L) Catalyst Part B
Flash point RAE Bond Coat	482 F (250 C) optional	



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