



## TECH DATA

### DESCRIPTION

WetSuit® 1-Part is a water-based, seamless, rubber roofing, waterproofing and air/vapor barrier membrane which is spray or roll applied. It cures to a monolithic, highly flexible membrane.

### TYPICAL USE

The membrane can be applied to concrete, wood, metal, foam, single ply membranes, coatings and asphalt. Ideal for a variety of applications including roofing, foundations, between slab waterproofing, retaining walls, decks, balconies, patios, shower pans, planters and fountains.

### ADVANTAGES

- Performs as a waterproof and air/vapor barrier
- Creates a seamless and monolithic membrane
- Water-based
- Class A self-extinguishing fire rated
- Cold applied
- No VOC's
- No odors or fumes
- Excellent thermal cycling
- 1582% Elongation and full recovery
- UV stable

### PACKAGING

WetSuit® 1-Part is available in 5 gallon pails, 55 gallon drums or 220, 275 and 330 gallon totes.

### TECHNICAL DATA

Physical Properties	ASTM Test	Result
Color		Black
Non-Toxic		No Solvents
Shelf Life		1 Year
Cured Film Thickness		60 mils
Elongation	ASTM D-412	1582%
Flame Spread	ASTM E-108	Class A
Flame Exposure	ASTM E-108	Class A
Water Vapor Permeability	ASTM E-96	0.26 Perms
Water Vapor Transmission	ASTM E-96	0.182 grains
Ponding		No effects after 1 year
Accelerated Weathering (1000 hours / 7 years)	ASTM G26	No adverse effects
Impact Resistance	ASTM D-3746	No effect
Surface Burning Characteristics	ASTM E84-05	Flame spread index: 20 – Class A



# WetSuit® 1-Part



FLUID APPLIED MONOLITHIC MEMBRANE

		Smoke developed index: 200 – Class A
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## INSTALLATION

**Surface Preparation:** All surfaces should be free of ponding water, loose materials, laitance, release oils and other contaminants. These should be removed prior to application by power washing or other suitable methods.

**Detailing:** Repair and/or replace any details, flashing, penetrations or panels found to be suspect. Tighten all loose fasteners, replacing as necessary. Clean all newly installed metal surfaces with lacquer thinner or a 10% Muriatic acid to remove any residual oils then apply an asphaltic primer.

Gaps and cracks more than ¼” wide are treated by applying 1/8” thick layer of WetSuit® 1-Part over the specified area, extending 3” on all sides. Embed Invisilink® reinforcement fabric into the WetSuit® 1-Part and brush it to ensure full saturation with no wrinkles or voids. Apply a final thin layer of WetSuit® 1-Part over the Invisilink® to a thickness of 60 dry mil.

**Application:** A 60 mil membrane can be sprayed at a rate of 1500 square feet or 75 gallons per hour. It is applied to a minimum film thickness of 60 mils dry, 100 mils wet, or 16 square feet per gallon. When spraying, keep the gun 2’ away and perpendicular to the surface being coated. A perpendicular spray pattern will ensure a uniform, consistent coat. Overlap each spray pass approximately 25% at a consistent speed to achieve an even thickness. Do not exceed 100 mils wet vertically. Vertical sagging is less likely to occur on porous surfaces like concrete or wood than on non-porous surfaces like metal.

Multiple coats of WetSuit® 1-Part can be applied in a minimum of 60 mils dry, per coat. WetSuit® 1-Part forms a physical bond to itself, not a chemical bond like paint. Do not apply in incimate weather conditions or below 40° F.

## WARNINGS AND HAZARDS

Use only in areas with adequate ventilation when spraying. Refer to MSDS for important warning and product information.

## STORAGE

Store material in areas above 50°F. Protect from freezing in shipping and storage.

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