



Fluid Applied  
Membrane System



seamless possibilities™



Headquartered in Cedar Rapids, Iowa, Triton Inc. specializes in the development and distribution of premium roofing and waterproofing products. The company was founded after acquiring the international distribution rights for the WetSuit® System, a versatile fluid applied waterproofing membrane developed in the 1990's by Neptune Coatings Corporation. Triton also offers expert design/build services, drawing from its successful background in managing over 350 million square feet of roofing assets.

The WetSuit® System consists of a range of environmentally responsible solutions used throughout the building envelope that meet specific roofing, waterproofing, and air/vapor barrier requirements. All of our fluid applied, monolithic membranes are water based, cold applied, have no voc's and are Class A fire rated.

\* WetSuit is a Trademark Product of Neptune Coatings Corp.



## The WetSuit® System



WetSuit® 2-Part is a cold spray applied instant set membrane which is catalyzed to form a seamless, waterproofing membrane.



WetSuit® 1-Part is similar to WetSuit® 2-Part but is not catalyzed and has a slower cure time. It can be sprayed, brush or roll applied.



UnderCover is a single component, medium viscosity, material used exclusively underneath the WetSuit® System to pre-strip joints, penetrations, or detail transitions.



WetSuit® Trowel has the waterproofing characteristics of the 1 and 2-Part products, but is thicker. Ideal for patching cracks, voids and penetrations.



WetSuit® Fiber Trowel has strands of chopped fiberglass premixed into the material. Trowel with fiber cures into a strong, reinforced patch to be used in detail areas or cracks where a lot of movement is anticipated.



Invisilink® is a lightweight yet super durable contouring seam fabric used with WetSuit® 1-Part, Trowel or Undercover to reinforce joints, cracks or seams.





CLASS A SELF-EXTINGUISHING  
FIRE RATING

SUPERIOR WIND UPLIFT

SEVERE HAIL RESISTANCE

WATER- BASED

NO VOC'S

LOW ODOR

EXCELLENT ADHESION

1600% ELONGATION

UV STABLE

SELF FLASHING

INSTANT AND ADJUSTABLE CURE

ANY MIL THICKNESS IN A  
SINGLE COAT

TAKES PONDING WATER  
INDEFINITELY



Intertek

## WetSuit® 2-Part Fluid Applied Membrane

The WetSuit® liquid membrane is a fully self adhered, cold spray applied, self-flashing membrane with a wide variety of uses for virtually all above and below grade applications. It can be sprayed to any mil thickness in a single pass thus creating a truly custom and precise membrane allowing unparalleled architectural freedom and ease of application.

### The Healthier and Safer Coating Alternative

The water-based, no VOC, low pressure, cold spray applied, non-flammable features of WetSuit® eliminate job hazards such as torches, solvents, and heavy equipment.

### Unrivalled Quality & Versatility

FM testing proved to put WetSuit® in a class of its own. It is one of a select few materials on the market with a Class A fire rating, severe hail resistance, 1600% elongation and a wind uplift of Class 1-990! In addition, WetSuit® is proven as a viable air and vapor barrier. With very low perms, WetSuit® can be employed not only in below grade applications and roofing, but in between as a seamless, fluid applied vapor barrier as well.

### Time and Money Saving

Because WetSuit® is so lightweight and with excellent adhesion to most roof surfaces, the need to tear off existing roofs is most often eliminated, greatly reducing installation costs and environmental impact. Surface preparation is generally limited to pressure washing the old roof to provide a clean surface for WetSuit® to adhere to. Utilizing only one applicator, WetSuit® can be installed at a fast and efficient rate of 1500 sq ft per hour, reducing crew size and job time.

### Energy Star® Cool Roofs

The WetSuit® System can be top coated with a range of reflective coatings to meet Energy Star® and CRRC standards for "cool roof" reflectivity. For a list of approved topcoat manufacturers contact Triton.



Physical Properties	FM & ASTM Test	Result
COLOR		BROWN TO BLACK
NONTOXIC		NO SOLVENTS
SHELF LIFE		1 YEAR
MINIMUM CURED FILM THICKNESS		60 MILS
FIRE	ASTM E108	CLASS A ON 4" SLOPE
HAIL RESISTANCE	FM 4470	SEVERE HAIL PASS
UV EXPOSURE	FM 4470	PASS
FIRE	FM 4470	PASS
WIND	FM 4470	CLASS 1-990 OVER STRUCTURAL CONCRETE CLASS 1-420 OVER HOT MOPPED CAP SHEET
WATER LEAKAGE	FM 4470	PASS
FOOT TRAFFIC	FM 4470	PASS
PONDING		NO EFFECTS AFTER 6 MONTHS
ACCELERATED WEATHERING (1000 HOURS, 7 YEARS)	ASTM G26	NO ADVERSE EFFECTS
IMPACT RESISTANCE	ASTM D3746	NO EFFECT
XENON EXPOSURE 1000 HOURS (UV)	ASTM G155	PASS
PEEL ADHESION TO CONCRETE	ASTM D903	32.5 LBS.
*PEEL ADHESION TO PRIMED CONCRETE	ASTM D903	20.83 LBS.
PEEL ADHESION TO EPDM	ASTM D903	20.24 LBS.
*PEEL ADHESION TO PRIMED EPDM	ASTM D903	22 LBS.
LOW TEMPERATURE BEND	ASTM D2136	PASS AT -30 DEGREES F
WATER VAPOR TRANSMISSION @ <b>35 MILS</b>	ASTM E96	.0382 WVT / .0554 PERMS
<b>AIR LEAKAGE @ 35 MILS</b>	ASTM E283	0.001 (BELOW DETECTABLE LIMITS OF TEST EQUIPMENT USED)
SURFACE BURNING CHARACTERISTICS	ASTM E84	CLASS A: SMOKE INDEX 200, FLAME SPREAD 20
COLD APPLIED WATERPROOFING MEMBRANE FOR USE WITH SEPARATE WEARING COURSE	ASTM C 836	PASS 3.5 LBS.
HYDROSTATIC PRESSURE	ASTM C 1306	PASS 60 PSI
RESISTANCE TO PUNCTURE	ASTM D 154	PASS

\* PRIMED WITH UNDERCOVER. TESTS BASED ON 60 MIL MEMBRANE UNLESS OTHERWISE NOTED.









CAN BE TOP-COATED  
TO ANY COLOR

NO VOC'S

NON-TOXIC

NON-FLAMMABLE

WATER-BASED

LOW TEMPERATURE FLEXIBILITY

UV STABLE

WILL NOT CRACK OR PEEL

WITHSTANDS PONDING WATER

SELF-LEVELLING

EXCELLENT ADHESIVE

## WetSuit® 1-Part Self-Levelling Cold Applied Membrane

WetSuit® 1-Part is a water-based, medium viscosity, self-levelling membrane that can be sprayed, brushed, or roll applied up to 80 mils wet vertically. WetSuit® 1-Part is used in roofing, waterproofing and air/vapor barrier applications.

For roofing, WetSuit® 1-Part is ideal for standing seam metal, aged SPF, wood and concrete. Our reinforcement fabric, Invisilink®, is frequently embedded into WetSuit® 1-Part during the preparatory phase by application to existing seams and joints, or to create a fully reinforced membrane.

### Energy Star® Cool Roofs

The WetSuit® System can be top coated with a range of reflective coatings to meet Energy Star® and CRRC standards for "cool roof" reflectivity. For a list of approved topcoat manufacturers contact Triton.

### Technical Data

**Viscosity:** 95 to 100 KU

**Solids Content:** 65% by weight

**Coverage:** 18 sq. ft. per gallon yields 60 dry mils

**Application Temperature:** 40°F and rising, do not allow to freeze

**Flammability:** Class A fire rated ASTM 108 Flame Spread and Exposure

**Color:** Black

**Cure Time:** 2 hours @ 75°F and 60% humidity

**Accelerated Cure Time:** Instant skin

**Packaging:** 5 and 55 gallon containers

**Shelf Life:** 1 year @ 50°F to 105°F

**Clean Up:** Liquid state: Use detergent and water, Solid state: Use a citrus based cleaner or mineral spirits





USED UNDERNEATH THE OTHER  
WETSUIT® PRODUCTS ONLY

USE WITH INVISILINK® FABRIC  
TO DETAIL PENETRATIONS AND  
JOINTS

NO VOC'S

NON-TOXIC

NON-FLAMMABLE

WATER-BASED

LOW TEMPERATURE FLEXIBILITY

UV STABLE

80 MIL VERTICAL SPRAY  
APPLICATION WITHOUT SAG

WILL NOT CRACK OR PEEL

SELF-LEVELLING

EXCELLENT ADHESIVE

## WetSUIT® UnderCover Self-Levelling Cold Applied Membrane for Detailing

UnderCover is a water-based, medium viscosity, self-levelling membrane that can be sprayed, brushed, or roll applied up to 80 mils wet vertically. UnderCover is used exclusively under, or between, the WetSUIT® products.

UnderCover exhibits a tenacious adhesion to most substrates and is meant to be used in conjunction with Invisilink® fabric to detail penetrations, pre-strip in joints, edging, or cant strips, or self level areas.

### Technical Data

**Viscosity:** 95 to 100 KU

**Solids Content:** 65% by weight

**Coverage:** 18 sq. ft. per gallon yields 60 dry mils

**Application Temperature:** 34°F to 100°F, do not allow to freeze

**Color:** Black

**Elongation:** 1550%

**Cure Time:** 2 hours @ 75°F and 60% humidity

**Accelerated Cure Time:** Instant skin

**Packaging:** 5 and 55 gallon containers

**Shelf Life:** 1 year @ 50°F to 105°F

**Clean Up:** Liquid state: Use detergent and water, Solid state: Use a citrus based cleaner or mineral spirits





## WetSuit® Trowel Roofing and Waterproofing Patch

WetSuit® Trowel is a high viscosity, water-based coating specifically designed as a roofing and waterproofing patch. Applied by trowel or brush, it is ideal for sealing leaky roof penetrations, ducting, flashings, cracks, joints and tears. WetSuit® Trowel is ideal on EPDM, TPO, asphalt, wood, metal, concrete and foam. Additionally, WetSuit® Trowel can be used as a waterproofing adhesive for setting tile and stone.



## WetSuit® Fiber Trowel

WetSuit® Trowel has been reinforced with fiberglass strands which cures into a high tensile strength, minimum elongation roofing and waterproofing patch. Trowel, brush, or hand applied, it works perfectly for detailing high movement areas such as penetrations and joints.

- NO VOC'S
- NON-TOXIC
- NON-FLAMMABLE
- WATER-BASED
- LOW TEMPERATURE FLEXIBILITY
- UV STABLE
- WILL NOT CRACK OR PEEL
- WITHSTANDS PONDING WATER
- EXCELLENT ADHESIVE

### Technical Data

**Viscosity:** 140 KU+

**Solids Content:** 68% by weight

**Coverage:** 10 sq. ft. per gallon yields 125 dry mils

**Application Temperature:** 40°F and rising, do not allow to freeze

**Flammability:** Class A fire rated, ASTM 108 Flame Spread and Exposure

**Color:** Black

**Elongation:** 1550%

**Cure Time:** 2 hours @ 75°F and 60% humidity

**Accelerated Cure Time:** Instant skin

**Packaging:** 1 and 5 gallon plastic containers

**Shelf Life:** 1 year @ 50°F to 105°F

**Clean Up:** Liquid state: Use detergent and water, Solid state: Use a citrus based cleaner or mineral spirits





- LIGHTWEIGHT & DURABLE
- HIGH TENSILE AND TEAR STRENGTH
- NON-RAVELING
- MOISTURE, ROT AND MILDEW RESISTANT
- GREAT ELONGATION AND RECOVERY PROPERTIES

## Invisilink® Seam Fabric

Invisilink® is a lightweight, yet super durable, tear resistant seam fabric. Invisilink® features stitch bonded polyester which is one of the strongest materials available to the roofing industry for use as reinforcement in cold process roofing. Invisilink®'s characteristics provide an unusual combination of high strength properties with good elongation for excellent thermal stress force accommodations. The soft polyesters will readily conform to various roof surfaces such as embedded gravel and standing seam metal roof decks. It is also much easier to handle and apply properly than other soft polyester sheets. Invisilink® is used with WetSuit® 1-Part, WetSuit® Trowel or WetSuit® Undercover on new construction with seams, and gaps more than 1/4" wide. It can be applied by brush, roller or Neptune Coatings Seam Machine for large square footage applications.

Physical Properties	ASTM Test	Result	Available Sizes
WEIGHT		3 oz / sq yd	4" X 300'
COLOR		WHITE	6" X 300'
TENSILE	ASTM D1682	57.1 lbs	40" X 324'
ELONGATION	ASTM D1682	61.65%	
MULLEN BURST	ASTM D3786	176.8 lbs	
TRAPEZOID	ASTM D1117	16.1 lbs	

\*Note: Invisilink® is not required for all WetSuit® applications. Please consult with Neptune Coatings.





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