





SHAPING AUSTRALIA GROUP



Disruptive Waterproofing Solutions

History to date

Founded in the Year 2000 in Grass Valley, California

Pioneers of the "IS - Instant Set technology" (3 US Patents):

Liquid Applied Membrane 80% cured in 3 seconds

Manufacturers of the proprietary IS plural components spray rig

Coatings manufactured in the USA and in Europe

R&D in Northern California and Belgium

Acquired by Harco Group Belgium in March 2013

Spin off in 2017 into NCI - Neptune Coatings International

Group Headquarters in Belgium. 3 Operating Companies:

Harco Americas Inc. , USA

Neptune Coatings Corp., USA

Neptune Coatings SA, Belgium

About Us

Manufacturers of Specialty & Functional Coatings for the

Roofing (New, Renovation and Retrofit)

Green Roofs, Modular Buildings, Asbestos Encapsulation, Plaza Decks, Solar Panels

Waterproofing (Below and Above Grade, Shotcrete...)

Foundations Slabs, Elevator Pits, Balconies & Terraces,

Blindside, Planter Boxes, Swimming Pools, Cooling Towers, Tanks,

Methane Barrier, Parkings & Garage

Building Envelope (Air Vapor Barrier - Permeable and Impermeable)

Bridge Decks, Tunnels, Dams, Water Treatment Plants, Sewage Treatment Facilities

Markets & Industries

Industrial (Oil & Gas, Petrochemicals, Automotive, Energy, Pharma, Food & Beverage)

Infrastructure (Tunnels, Water Districts, Irrigation Flumes, City Drains, Dams, Sewage Treatments)

Commercial (Retail, IT, Warehouses, Data Centers, Banks, Parks & Entertainment)

Federal (Army, Utilities, Buildings, Correctional facilities)

Residential (Multifamily, Modular & Prefabricated, Education, Schools, Hotels)

Transportation (Aviation, Airlines, Airports, NAVFAC, GOV, Correctional Facilities)

Renewable Energies (Solar, Gas & Power)

Healthcare (Hospitals, Senior Livings)

Products

WetSuit® - Seamless Solutions.

A family of Polymer modified bitumen, Liquid Applied Membrane, Cold Sprayable, Zero VOC, Lightweight, High Impact, Class A Self Extinguishing

Other Products:

Primers and Cleaners, Detailing, Patching, Sealants and Caulks, Reinforcing Fabrics, Bleed Blockers, Topcoats (Reflective and Thermal), Topcoats (Chemicals, Solvents, Fuels

Systems

Many available per application

Applications

Green Roofs	Bridge Decks	Water Treatment Plants
Asbestos Encapsulation	Secondary Containment	Modular Buildings
Foundation Slabs	Parkings and Garage	Dams
Balconies and Terraces	Planter Boxes	Tunnels
Elevator Pits	Solar Panels	Sewage Treatment Facilities
Plaza Decks	Gas / Methane Barrier	Cooling Towers
Blind Side	Water & Storage Tanks	Swimming Pools

Main Performance

Fire class

Euroclass E - no incandescent particles

BroofT1, BroofT2., BroofT3 - Highest fire class for roofing in Europe

Class A on a slope of 2 in 12 - highest fire class for roofing in the USA

Auto extinguishing - combustion stops when the exposure to an external fire stops

Physical characteristics

Tension: 7.3 Bar

Elongation - Slow speed traction 1244% / high speed traction 2083%

Elongation at freezing temperatures: > 550 %

Elongation over a crack: 820%

Last temperature: 515°C no softening temperature

Resistance to rain: Class R3 (highest class - EN 15814)

Resistance to compression: Class C2B (highest class - EN 15814)

Fungi resistance: class 0 (highest class)

Exceptional adhesion

HVHZ class (high velocity hurricane zone) in Miami Date County

Adhesion on concrete: 1.92 MPa

Adhesion on metal roofs: 3.16 MPa

Watertightness

Resistance to hydrostatic pressure: 6.80 Atm i.e. 68 m high of water

Water vapor transmission rate 0/.94 g/m².day

Methane transmission rate: 0 - no transmissison

Air transmission rate: 0 - no trensmission

Ponding water resistance: resistance to 121 cm of ponding water for 168 hours

Impact resistance

Resistance to severe hail - verified by FM Approval

Resistance to dynamic impacts - tested P3

WetSuit® 2-Part FLAGSHIP Liquid Applied Membrane



- Polymer modified bitumen
- Cold sprayed liquid applied membrane
- Instant Set | Membrane instant cured in 3 seconds
- Vertical and Horizontal Applications
- Water Based | Zero VOC
- Superior adhesion | Outstanding wind uplift
- Durable: High impact resistant | Severe hail resistant
- 2000%+ elongation
- Class A fire rated
- Self-extinguishing
- UV stable
- Class 1 impermeable
- Self-flashing
- Ideal for roof retrofit: no need to tear off existing system

WetSuit® 2-Part Instant Spraying Rig



2 Component spraying system

Air powered

Safe use - Atex ready

Pressure at exit 300 psi / 21 bar

High productivity – 10 liters/min.

High coverage - 150m² / hour / 3 men crew









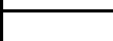




Ergonomic spraying gun: Air actuated trigger

75 m. hose, possible extension by 75 m

Wetsuit® Waterproofing Products

Available Certifications

Summary The Wetsuit® products have been certified in several quality schemes globally

Certification scheme		Certificate	Products	Country	Application
	FM Approved - FM4470	30300656	Wetsuit® 2-Part	US	Roofing Class 1
	Miami Dade NOA	17-0406.04	Wetsuit® 2-Part	US	Roofing HVHZ Maintenance Coating
	Florida Building Code 2017	FL14499	Wetsuit® 2-Part	US	Roofing HVHZ
	LARR - Los Angeles Research Report	RR 26190	Wetsuit-2-part	US	Waterproofing Methane barrier Shotcrete applications
	Methane And Gas Barrier ASTM D1434	Permeance 0	Wetsuit® 2-Part	US	Gas Barrier
	ASTM C836	R18049	Wetsuit 2-part	US	Waterproofing
	Cool Roof Rating Council	1256-0001	Reflex HPW	US	Cool Roofs
	CE Mark - EN 15814	DOP-WS16001-E	Wetsuit® 2-Part	EU	Below Grade Waterproofing
	Fire classification Fire reaction	Class E	Wetsuit® 2-Part	EU	EN 13501-1
	Fire classification - Covering exposed to external fire	BroofT1 BroofT2 BroofT3 DroofT4	Wetsuit® 2-Part	EU	Roofing EN 13501-5
	Drinking Water EN 12873-2	20/22483-1091	Wetsuit® 2-Part	EU	Dinking Water
	BEAL Appraisal for New Zealand	NZ building code	All Wetsuit products	NZ	Roofing/Waterproofing Methane barrier Shotcrete applications Asbestos encapsulation
	BEAL Appraisal for Australia	AU building code	All Wetsuit products	AU	Roofing/Waterproofing Methane barrier Shotcrete applications Asbestos encapsulation
	Drinking water AS/NZS 4020	PT-4272	Wetsuit® 2-Part	AU	Drinking Water

Membrane System – Wetsuit® 1-Part



- Polymer modified bitumen
- Single component - Self leveling
- Cold sprayed liquid applied membrane
- Vertical and Horizontal applications
- Can be sprayed, brushed or rolled
- Water Based | Zero VOC
- Superior adhesion | Outstanding wind uplift
- Durable: High impact resistant | Severe hail resistant
- 2000%+ elongation
- Class A fire rated
- Self-extinguishing
- UV stable
- Class 1 impermeable
- Self-flashing
- Ideal for roof retrofit: no need to tear off existing system

WetSuit® 1-Part Spraying Pressure Pot



Light weight system

Used with Wetsuit® 1-part and Undercover

Air actuated

Safe use - Atex ready















































Capacity 19 liters / 5 gallons

15 m. hose










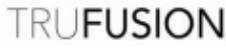




































Satisfied Customers		
Finance		Automotive
      		  
Pharma		Food & Beverage
  		   
Healthcare		Retail & Utilities
     		  
Education		Cities & Infrastructures
     		     
Associations	Airline / Airport	IT / ICT
 	 	   

Disruptive Waterproofing Solutions

Satisfied Customers									
Government					Hospitality				
									
									
									
									
Industrial									
									
Oil, Gas & Petrochemicals									
									
									
Parks & Entertainment									
									

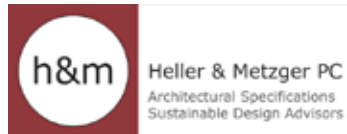
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Consultants / Architects / Engineers / General Contractors



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