



PROTECTING YOUR WORLD

SPLASHpro

SPLASHpro M2 Series

Bolted HDPE System

Description

Corrosion Protection Solution for Wharf Pilings in Marine Environments. SPLASHpro M2 stops corrosion on Pilings within the Wave Zone by using Central Products STACwrap Materials: STACprime UW, STACfill, and STACwrap; Secured to the pilings with custom designed, bolted SPLASHpro HDPE Outercovers.

Uses

Ideal for the corrosion protection of near shore Wharf and Jetty Pilings made of Steel, Timber, and Concrete. Offshore applications on Coastal Beacons, Subsea Pipelines, Risers, and Platforms. Also used on Ocean Vessels and various structures in Ports and Harbors for corrosion protection from harsh marine conditions.

Characteristics

SPLASHpro M2 Series seals out water and oxygen effectively with proven suitability for corrosion protection in aggressive marine environments.

SPLASHpro M2 Series is designed with a tough outercover specially for exposed conditions to protect against weathering and mechanical damage.

SPLASHpro M2 Series forms an anticorrosion membrane by displacing seawater with a moisture resistant bond.

Application

Remove all loose rust, coatings and marine growth by hand /power tool cleaning and/or water blasting to SSPC SP 2 / 3.

STACprime is applied in a circular motion to the prepared steel by a gloved hand or power roller.

STACfill should be utilized to better contour the substrate for large surface imperfections, or badly pitted areas.

STACwrap tape is to start from the bottom of the area to be protected with a double turn, then spirally apply with a 55% overlap to ensure a double thickness of material, and finish the wrap with a double turn.

The mechanical tensioning and securing of the Outercover is achieved by the utilization of a bolted system.

Particulars	Properties			Test Method
	M2-80	M2-100	M2-120	
Material	M2-80	M2-100	M2-120	---
Nominal Thickness, mm	2.0	2.5	3.0	ASTM-D5199
Density, g/cm ³	0.94	0.94	0.94	ASTM-D1505
Tensile Properties: -				ASTM-D638
Yield strength, N/mm	30	38	45	Type IV,2 ipm
Break strength, N/mm	57	71	85	
Yield elongation, %	13	13	13	G.L.1.3 in.(33mm)
Break elongation, %	700	700	700	G.L.2.0 in.(51mm)
Tear resistance, N	267	334	400	ASTM-D1004
Puncture resistance, N	703	881	1059	ASTM-D4833
Tensile Impact Strength, mJ/mm ²	> 800	> 800	> 800	ASTM-D751
Rockwell Hardness	Ave. 60	Ave. 60	Ave. 60	ASTM-E18-00
Carbon black content, %	2.0-3.0	2.0-3.0	2.0-3.0	ASTM-D1603
Notched constant tensile load, hours	400	400	400	ASTM-D5397
Melt index, g/10min.	1.0	1.0	1.0	ASTM-D1238
Oxidative induction time, min.	100	100	100	ASTM-D3895
Low temperature brittleness, °C	-77	-77	-77	ASTM-D746

Bolted System

Type	Diameter (mm)	Length (mm)	Max. Torque Strength (Kg.M)
316L SS	M10	80 - 130	2.8

Note: Bolt Sets include washers, spring lock washers, and nuts.
Special request nylon locking nuts available. (Not Recommended)

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they are given without expressed or implied warranty or guarantee unless otherwise stated.