

MarineSeal Series 100 Outer Cover

An integral component of the UCC MarineSeal Series 100 System, providing long term corrosion protection for steel substrates in marine environments.

Description	UCC MarineSeal Series 100 Outer Cover is an integral component of the UCC MarineSeal Series 100 System. It is manufactured from virgin HDPE resin and is designed to retain its original physical properties for the full system service life.
Uses	UCC MarineSeal Series 100 Outer Cover provides the armouring outer cover for the MarineSeal Series 100 Jetty Pile Protection System.
Features	<ul style="list-style-type: none"> - High mechanical strength - High impact strength - Retains physical properties for full service life - Unaffected by saltwater immersion
Application	<ul style="list-style-type: none"> - Prepare surface to St 2 std. - Apply UCC MarineSeal Primer to substrate at spread rate of approx. 1 – 3 kg/m². - Profile projections and voids with UCC MarineSeal Mastic. - Spirally apply MarineSeal Tape incorporating 55% overlap to achieve a double thickness with each circumferential turn. - Fit MarineSeal Series 100 Outer Cover. - Secure Outer Cover in place with SmartBand Strapping and Buckles.

Properties	Test Method	Value
Thickness	ASTM D5199	2.0 mm Avg
Tear Resistance	ASTM D 1004	249 N
Tensile Strength at break	ASTM D6693	57 N/mm – width
Elongation at break	ASTM D6693	> 700%
Puncture Resistance	ASTM D4833	703 N
Density	ASTM D1505	0.94 g/cm ³
Carbon Black Content	ASTM D1603	2 – 3%
Application Temperature		0°C to 50°C
Service Temperature		0°C to 90°C
Excursion Peak Temperature		100°C

Product Packaging

UCC MarineSeal Series 100 Outer Cover is a custom fabricated jacket which is sized specifically to suit the project at hand.

The maximum Outer Cover length for a single jacket is 7.0m, where access is a concern, stack jackets can be supplied to accommodate access restrictions.