

MarineSeal Series 500HDPE Outer Cover

An integral component of the UCC MarineSeal Series 500HDPE System, providing long term corrosion protection for steel substrates in marine environments.

Description	UCC MarineSeal Series 500HDPE Outer Cover is an integral component of the UCC MarineSeal Series 500HDPE 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 500HDPE Outer Cover provides the armouring outer cover for the MarineSeal Series 500HDPE 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 remove debris and projections. - Where specified fit MarineSeal reinforcing G-Grid 450. - Install the MarineSeal Series 500HDPE Outer Cover. - Tie the drawstring tight on sealing boot and nail around the circumference. - Mix the MarineSeal 311 Epoxy Grout and pour continuously to fill the annulus around the pile.

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 500HDPE 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.