



RANGE OVERVIEW

Seaflex SiltStoppers™ Overview



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Introduction and Key Features

Introduction

- + Silt curtains, sometimes referred to as turbidity curtains, are floating barriers which are specifically designed to contain and control the dispersion of particles in a body of water.

They are generally used within marine construction, piling or dredging projects – especially in inland waterways and enclosed harbours where the build-up of silt cannot be allowed to disperse beyond the working zone so must be controlled within that area until it settles. Any such tasks will cause an increase in the turbidity of the water, and the idea of these barriers is to enclose and isolate the working area so as to limit the scope for such solids to escape and cause environmental damage – and nowadays many projects have set turbidity levels which must not be exceeded. This is where Unique Seaflex SiltStoppers™ come in.

Key Features

- + Isolates a working area to avoid contamination of the wider environment.
- + Offshore-grade materials, for ultimate durability.
- + Unique design features, for ease and speed of deployment and retrieval.
- + Project design service available if required.
- + Site technicians available if required.
- + Hire and sale options available, as required.

At the surface of the Seaflex SiltStoppers™ you will find a number of inter-connecting flotation units, these are designed with plenty of reserve buoyancy and are fitted with pressure release valves which are designed to trigger so as to avoid damage to these floats through over-inflation. These flotation units are made from the same durable plastic materials, and are based upon the same design principles, as the buoyancy modules we have been supplying into heavy-duty offshore applications such as pipeline installation and salvage operations for over 20 years.

A curtain of the same offshore-grade material then hangs from these floats and forms the barrier, with points on either side for easy connection to either the next curtain in the line or to the edge of enclosed area. Into this curtain are built innovative design features such as a sleeve through which a chain passes to sink the curtain at deployment stage, strop patches to act as anchor points to the riverbed, and also a small continuous length of inflatable section to allow for easy lifting of the chain during retrieval stage.

Whilst a number of standard designs are available for either hire or sale, Unique Seaflex engineers are able to assess a project's specific set of requirements and tailor a solution to best meet those parameters. Technicians are also able to offer on-site support in the use of our Silt Curtains if required by the contractor.



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Helping contractors work more safely, efficiently and profitably since 1987.

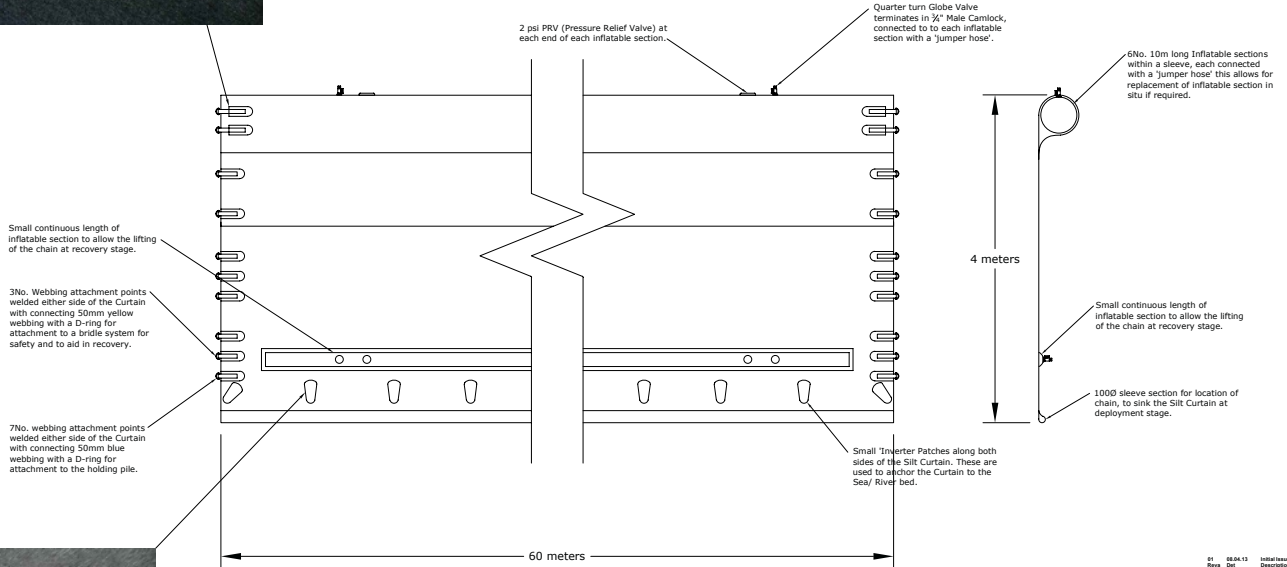


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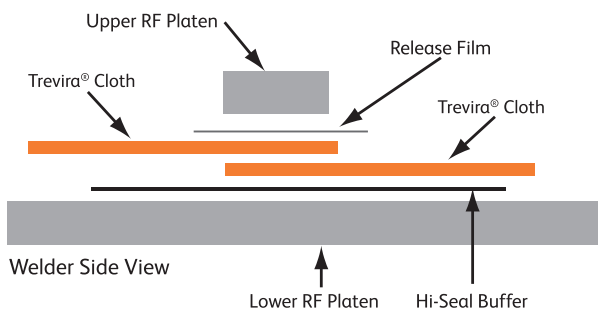
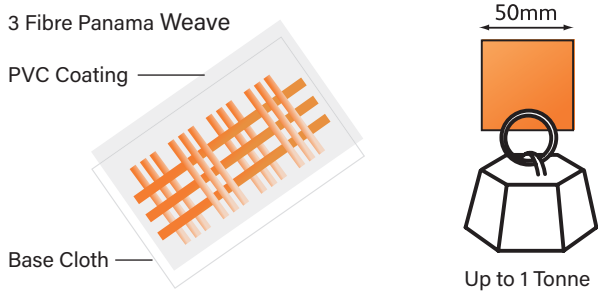
Technology, Service and Support

Manufacturing Technology

+ All Seaflex products are designed and manufactured in the UK. Our bag canopies are constructed from High Tensile Trevira® Polyester base cloth (either 2 /2 or 3 /3 fibre panama pattern weave) coated with heavy duty UV stabilised PVC coating or, for special applications, polyurethane. Trevira is incredibly strong; a 50 mm wide 3/3 strip has a break load of approximately 1 tonne. The panels for our bags are precision cut on our 15 metre long, 3 metre wide advanced automated table for perfect repeatability. Once inspected and approved panels are assembled by skilled personnel to using Radio Frequency welding to strict quality control standards.

Certification

+ All our work is carried out within a system which complies with the ISO 9001-2009 Quality Management Standard as audited by Lloyds Register Quality Assurance for full traceability – and we have now gained ISO 14001 and ISO 18001 accreditation.



Service

+ Whether for hire or sale, all Seaflex products are sent out fully tested and inspected against their build criteria. And we do also offer on-site support to our clients in the use of our products – this most often happens within the more complex buoyancy applications for our products.

In the event that your Seaflex product should suffer minor damage in service, we can supply an approved, boxed field service kit comprising of patches, a professional quality heat gun and instruction manual to make good minor leaks prior to product refurbishment.

We can also advise on the viability of carrying out more extensive repairs, which would typically be undertaken either at our factory or at one of our approved service centres.

Support

+ Our support philosophy is "Wherever, Whenever". This underlines the Seaflex commitment to not just sending out tested, proven products in proper shipping crates and with the most comprehensive documentation package in the business – but to assisting our customers in every way possible throughout their time using our products, whether the job is a hire project or an equipment sale.

We offer worldwide support to our customers via either email or phone from head office in the UK and via our ever-growing network of offices and partners around the world.

You can put your trust in Seaflex – we won't let you down.





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Unique Group's Buoyancy & Ballast products are available for hire or purchase from more than 20 other worldwide locations via our network of independent partners. Please contact us for more details.