

## Subsea Tree Covers

**Client:** Withheld  
**Location:** Barrow Island  
**Coating:** Mascoat WeatherBloc  
**Thickness:** 10 mils (0.25 mm)  
**Reason for application:** Reduce temperature



The conservation of Barrow Island has led to the collaboration of Intercept Technologies™ and Mascoat to ensure safe storage of Subsea Trees being shipped and stored onto the island. Intercept Woven Covers act to cover and protect the equipment while in storage.

As a trademarked design they encompass the units in a two-part system design, which can be easily fitted and removed as required. The covers provide unique fitted lifting points, which can be safely zipped, closed to prevent exposure on transport and during storage

Mascoat WeatherBloc is a formulation tailored for applications within commercial situations where insulation and the reduction of solar heat gain are required. As a spray on insulation coating, it provides superior protection at minimal thickness. In this case, applied at the thickness of 10 mils (0.25 mm). These factors made it ideal to coat the Intercept Woven Covers.

As a spray on application it provides the maximum coverage rate but also retains flexibility allowing the covers to be folded and stored for transportation without damaging the coating. The longevity of Mascoat WeatherBloc also makes it superior as it can provide protection for long periods of time while the equipment is housed in the covers providing solar heat gain reductions and added protection to the woven material and Subsea trees. These Covers were designed to fit the Subsea trees and a frame for the covers to sit on was built which could be hoisted by a scissor lift for application of WeatherBloc and then left to dry for 24 hours before being folded. In addition, WeatherBloc provides an effective moisture barrier preventing absorption of precipitation and condensation into the internal components of the machinery reducing the risk of damage to electrical components in transit and while in storage.



This successful collaboration of the two technologies has paved the way for a strong relationship for future and existing ventures within this expansive project.