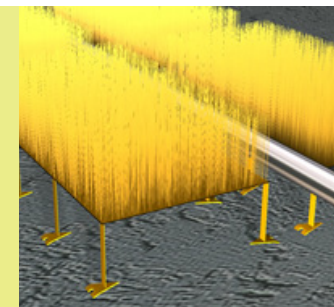


FoundOcean TaperWeight



FoundOcean MassivMesh



FoundOcean ScourMat

GOOD TO KNOW

Subsea protection

Concrete mattresses protect trenched and non-trenched cables and pipelines, and can be used with ScourMat

Concrete Mattresses

Concrete mattresses consist of concrete blocks linked together with non-degradable rope. They are flexible to the contours of the seabed and the structure it is protecting by placing the mattress over the structure. Concrete mattresses have also been used to protect trenched cables from damage above. FoundOcean provides two types of concrete mattress: MassivMesh and FlexiWeight.

- **MassivMesh** consists of hexagonal concrete blocks linked together with high strength non-degradable polypropylene rope; it is able to flex in all directions.
- **FlexiWeight** consists of hexagonal concrete logs linked together with high strength nondegradable polypropylene rope; it is flexible in one direction.

Concrete Structures

Concrete Structures can be produced in a wide range of designs in addition to the TaperWeight. These include pipeline crossings, ramps and supports, dropped object protection tunnels and clump weights.

TaperWeight

TaperWeight is cost-effective on flowlines, where upheaval buckling considerations require considerable quantities of dumped rock and trenching. The overall shape has been designed to minimise the hydrodynamic load experienced by the unit, thus protecting the covered pipeline. The central tunnel is designed to allow for any pipeline expansion that may be induced by pressure or temperature effects.

Anti-Scour Products

ScourMat stops erosion and helps to reinstate the seabed around a structure. The ScourMat fronds open out to form a fan-like array which slows down the local current and causes suspended particulate matter to settle. Over time, the ScourMat becomes engorged with sand and sediment, reinstating the seabed with natural components. This fibre-reinforced bank will then resist further erosion. ScourMat can also be used inland for scour protection for bridge foundations, estuaries and river beds.

** FoundOcean supply concrete mattresses through our partners in the US and APAC regions. We are unable to supply concrete mattresses in Europe.*