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SP_01.1 – Technical specification of Debris Boom Okean-Net (one part 1,30m – 1,80m)

The Debris Booms type Okean-Net are the most durable floating booms which have the broadest range of applications to the pollution problems that the marine environment has to face. Their hydrodynamic and aerodynamic design gives them exceptional floating stability and maximum endurance in all meteorological conditions.

Each part of the construction is enriched with UV-protection stabilizers and is made of light and durable materials, suitable for long-term use in the marine environment.

1. Technical Field

Technical field of Okean-Net			
Type	Okean-Net 18/130	Okean-Net 18/150	Okean-Net 18/180
Total high	1,30 m	1,50 m	1,80 m
Freeboard	0,40 m	0,50 m	0,50 m
Draught	0,90 m	1,00 m	1,30 m
Weight	6,9 Kg/m	7,3 Kg/m	7,5 Kg/m
Breaking strength (Total linear rope loading)	15Tn	16 Tn	16 Tn
Construction Part	Characteristics		
Net	Mesh	18 mm	
	Thread Composition	Polyamide or UHMWPE	
	Thread breaking strength	130 Kp – (130Kp-250Kp)	
Supporting & floating bars	The support and endurance base of Okeanis products	Installed every 1m UV-stabilizers, antibacterial, double reinforced HDPE floats	

Connectors and mooring stabilizers	Double coated plastic bars with stainless steel mooring connectors	Placed in distances according to mooring and connecting
Ballasts	Up Part	Synthetic flex rope 20mm UV-protection, breaking strength 8Tn. Color: orange
	Down Part	Synthetic flex rope 20mm, UV-protection, breaking strength 8 Tn. Stability weight: leadline rope 2Kgr/m
	Sewing thread	<u>Upper and down part</u> Hand made Type: Extremely high durability Dyneema, nominal thread breaking strength>800 Kp.

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