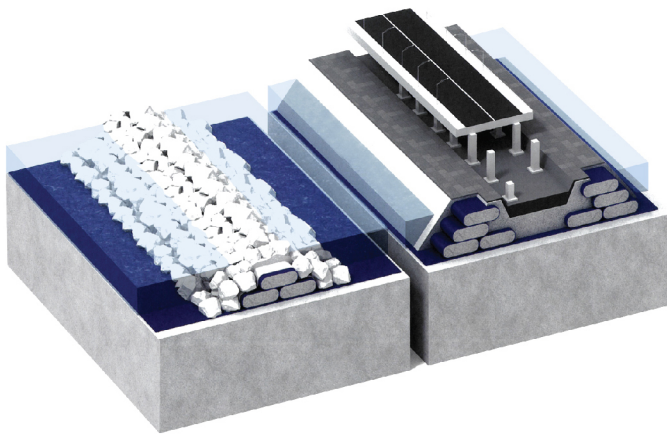


SKYTECH GEO TUBES

Skytech Geo Tubes are manufactured using high-strength flat PP yarn/polyester multifilament Geotextiles, that are extremely strong and highly permeable. These Geo tubes are used for the construction of Breakwaters, Groins, Revetments and Temporary jetty projects. Further, the Skytech Geo tube also can be used in dewatering projects. Geo tubes are generally filled with in-situ solids using a Slurry pump, a Dredger or a Funnel. Thanks to the Highly permeable Geotextile material used in the Skytech Geo tube, excess water is efficiently drained out whilst the sand/solid is retained.

APPLICATIONS & MECHANICAL PROPERTIES



APPLICATIONS

Breakwater
Dewatering
Cofferdam
Costal dune protection
Sewage treatment

SKYTECH DT-GEOTUBE	Test Method	Unit	DT-15	DT-20	DT-30	
Mechanical Properties						
Tensile Strength	MD	ISO 10319	kN/m	≥ 150	≥ 200	≥ 300
	CD	ISO 10319	kN/m	≥ 150	≥ 200	≥ 300
Tensile Elongation	MD	ISO 10319	%	≤ 15	≤ 15	≤ 15
	CD	ISO 10319	%	≤ 15	≤ 15	≤ 15
Factory Seam Strength		ISO 10321	kN/m	≥ 75	≥ 100	≥ 150
Hydraulic Properties						
Water flow rate (h:50mm)		ISO 11058	l/m ² /sec	≥ 20		
Appatent Opening Size (O ₉₅)		ISO 12956	mm	Designed based on the size of filling material		
UV Resistance (retained Strength 320hrs)		ISO 12224	%	≥ 60		

WORK PROCEDURE

