



AQUAROCKBAGS

Product Specification

Aqua Rock Bags provide significant erosion and scour protection. The solution utilises high performance nets for optimal performance, filled with small stone to provide multiple benefits between erosion control and habitat creation. Typical applications include riverbanks, shorelines and deep-water scour.

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Salix



AquaRockBags specification

For robust and permanent revetments that are ecologically sensitive



PET Specification:

Synthetic PET braided knotless nets, UV treated
Net aperture: 25mm
Estimated Design Life – 50 years

		1t	2t	4t	8t
Tensile Strength – MD		25	25	35	38
(kN/m)	CMD	8.5	8.5	15	20

HDPE Specification:

Synthetic HDPE braided knotless nets, UV treated
Net Aperture: 25mm
Estimated Design Life – 100 years

		1t	2t	4t	8t
Tensile Strength – MD		25	25	35	38
(kN/m)	CMD	8.5	8.5	15	15

AQUAROCKBAGS		Rock Grading (mm)	Height (m)	Diameter (m)	Volume (m3)	Mass per Unit Area (gms)	Maximum permissible water velocity – Single (m/s)	Maximum permissible water velocity – Multiform (m/s)
Size								
1t	PET	40-80	0.35	1.50	0.65	195	2.60	4.50
	HDPE	40-80	0.30	1.60	0.65	195	2.70	4.70
2t	PET	40-80	0.50	1.90	1.25	195	2.73	4.73
	HDPE	40-80	0.40	2.10	1.25	300	2.91	5.03
4t	PET	40-80	0.62	2.30	2.58	300	3.15	5.46
	HDPE	40-80	0.50	2.50	2.58	390	3.37	5.83
8t	PET	40-80	0.83	3.20	5.00	400	3.27	5.66
	HDPE	40-80	0.70	3.50	5.00	225	3.40	5.90

Stone Specification

Frost-resistant granite or limestone subject to availability.

Typically 40-80 mm Semi-angular stone.

Other stone sizes can be used. Salix recommend a maximum stone grading of 180mm.

