
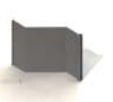


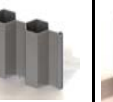

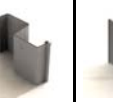
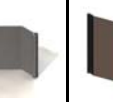



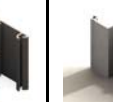
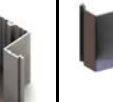



APE Plastic Piling

Tel 01543 277680-Fax 01543 270090- info@miniape.com www.miniape.com

Pile		Trench Pile	Eco Z rib	Master pile	Environ PE	MultiLock	1540	Europile	Eco box	1550	ProLock	1560	Truline 800	Ultra Z	1610
Designs															
Ultimate Moment	kNm/m	1.95	4	4.1	4.2	11.82	12.5	12.8	14.28	16	21.77	47	59.1	78	212
Allowable Moment (M)	kNm/m	0.65	1.33	1.36	1.4	3.94	5	4.27	4.76	6.4	7.09	18.8	19.7	26	84.8
Section Modulus (Z)	cm ³ /m	44	100	96	205	175	161	320	357	219	315	428	892.5	1951	990
Moment of Inertia (I)	cm ⁴ /m	66	510	468	892	1050	819	180	2626	1150	3950	3270	9013	24847	13800
Effective Pile Width	mm	200	300	330	762	500	457.2	300	270	457.2	500	457.2	305	290	610
Depth of Section	mm	30	75	80	87	120	102	115	155	102	175	152	203	240	254
Thickness	mm	4	5.5	4	6.9	5	3	5.5	5.5	4	6	5	6.7	11	7.6
Material		Recycled PVC	Recycled PVC	Recycled PVC	Virgin HDPE	Recycled PVC	FRP PE	Recycled PVC	Recycled PVC	FRP PE	Recycled PVC	FRP PE	Recycled PVC	Recycled PVC	PU FRP
Weight per m (product)	Kg	1.07	2.86	3	6.3	6.2	4	4.3	2.86	5.5	8.4	7	10.6	9.4	16.2
Modulus of Elasticity	MPa	2000	2000	2400	1030	2300	20684	2000	2000	20684	2300	20684	2620	2000	27579

Allowable Bending Moment

