



sustainable bank protection

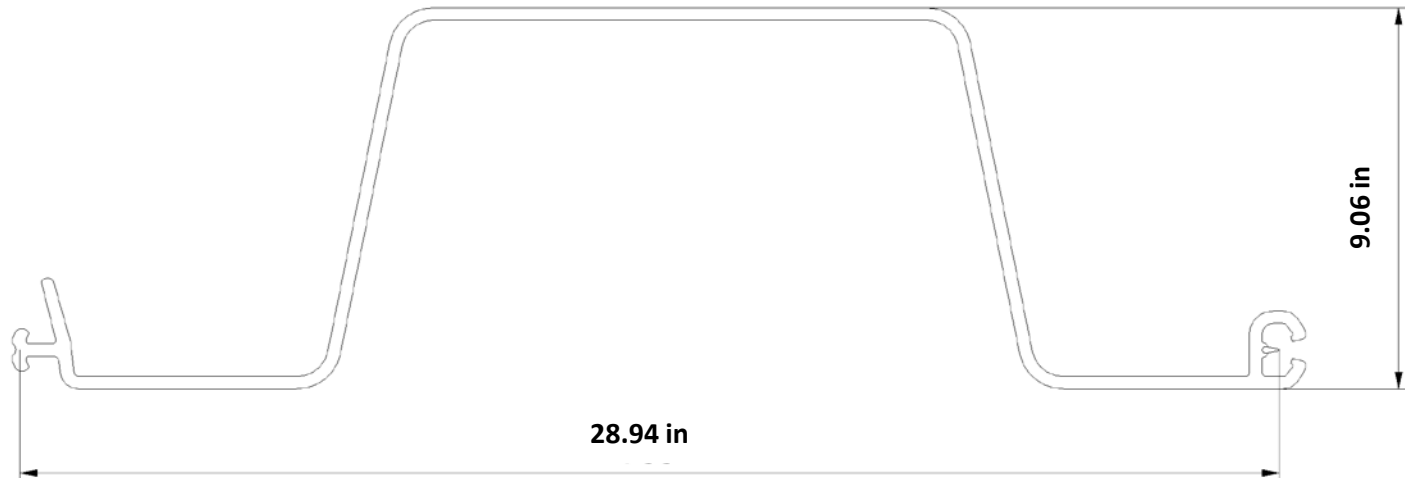
Prolock Epsilon

Prolock sheet

PVC			
Bending stiffness	EI_{rep}	2,980E+04	[lb.in ² /ft']
Max. characteristic moment	$M_{r,k}$	11.55	[kip.ft/ft']
Max. representative moment (long/short term)	$M_{r,rep}$	5.20 / 5.77	[kip.ft/ft']
Modification factor (long/short term)	k_{mod}	0.45 / 0.5	[-]
Material factor	γ_m	1.2	[-]
Height	h	9.1	[in]
Width	b	28.9	[in]
Section area	A	6.0	[in ² /ft']
Section modulus	W_{el}	15.9	[in ³ /ft']
Moment Inertia	I_y	79.0	[in ⁴ /ft']
Characteristic yield strength	$f_{m,0,rep}$	8.7	[ksi]
Max. design moment (long/short term)	$M_{r,d,el}$	4.33 / 4.81	[kip.ft/ft']

PVC

Characteristic yield strength	$f_{m,k}$	8.7	[ksi]
Material factor	γ_m	1.2	[-]
Modificationfactor longtterm	k_{mod}	0.45	[-]
Modificationfactor shortterm	k_{mod}	0.5	[-]
Shrink factor	k_{def}	1.5	< 15j
	k_{def}	2.3	> 15j
flexural strenght	$f_{u,d}$	3.3	[ksi]
	$f_{u,d}$	3.6	[ksi]
E modulus	E_{rep}	377	[ksi]
Weight (square feet)	G	3.9	[lb/ft ²]
Weight (feet)	G	9.4	[lb/ft']



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Subject to printing and typographical errors

English

Prolock product by **Profextru**
solutions that fit

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