Prolock

sustainable bank protection

Prolock Epsilon

Prolock sheet

		PVC	
Stiffness	EI_{rep}	281	[kNm²/m']
Max. characteristic moment	$M_{r;k}$	51,4	[kNm/m']
Max. representative moment (long/short term)	$M_{r;rep}$	23,1 / 25,7	[kNm/m']
Modification factor (long/short term)	k_{mod}	0,45 / 0,5	[-]
Material factor	γ_m	1,2	[-]
Height	h	230	[mm]
Width	b	735	[mm]
Section area	A	127	[cm²/m']
Section modulus	W_{el}	856	[cm³/m']
Moment Inertia	I_y	10791	[cm⁴/m']
Characteristic yield strength	$f_{m;0;rep}$	60	[N/mm²]
Max. design moment (long/short term)	$M_{r;d;el}$	19,3 / 21,4	[kNm/m']

PVC

Characteristic yield strength	$f_{m;k}$	60	[N/mm²]
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	$f_{u;d}$	22,5	[N/mm²]
	$f_{u;d}$	25,0	[N/mm²]
E modulus	E_{rep}	2600	[N/mm²]
Weight (square meter)	G	19,1	[kg/m²]
Weight (meter)	G	14,0	[kg/m']



Prolock product by Profextru solutions that fit

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Subject to printing and typographical errors

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