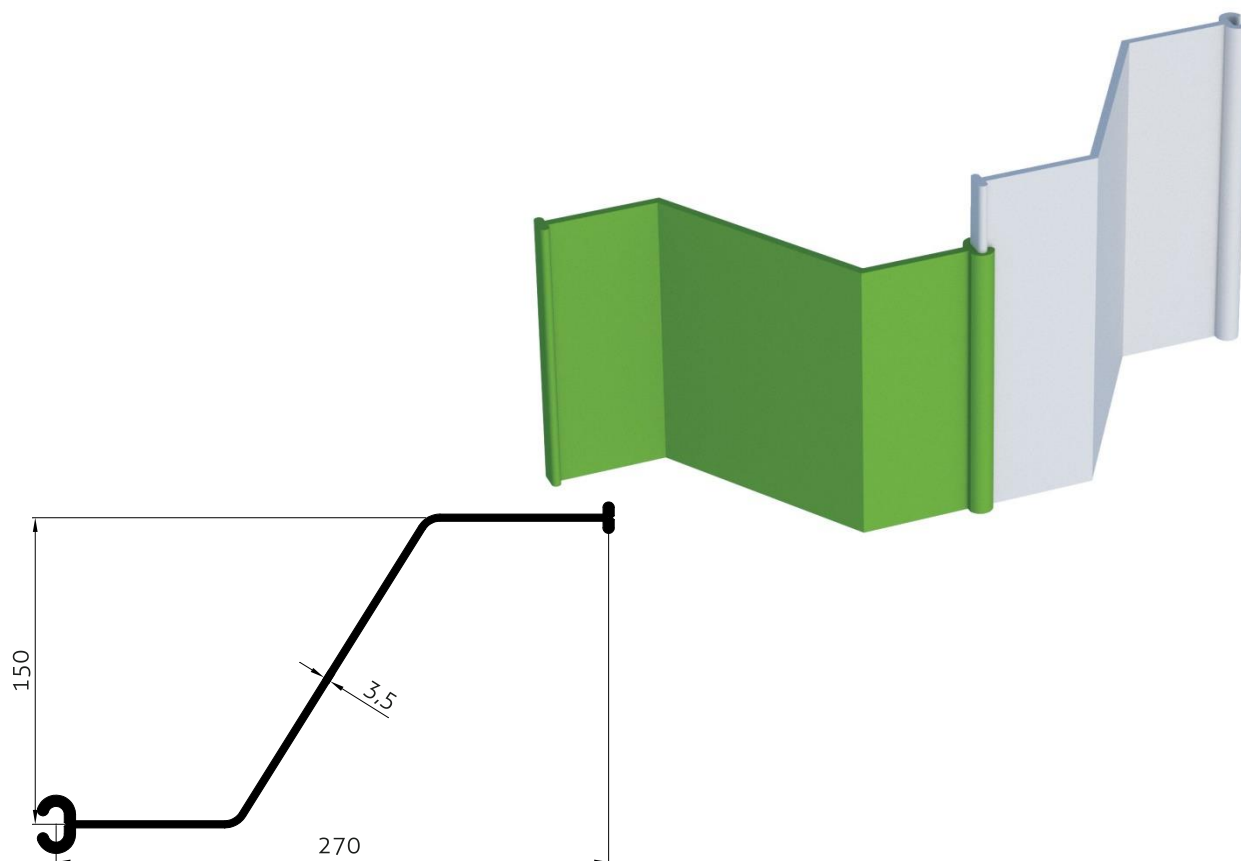


Technical specification

Vinyl sheet pile GW 270/3,5 – trapezoid



	Unit	Value
Section width	mm	270
Section depth	mm	150
Thickness	mm	3,5
Section modulus	cm ³ /m	254
Moment of inertia	cm ⁴ /m	2327
Allowable moment*	kNm/m	5,6
Ultimate moment	kNm/m	11,2

* Safety factor = 2



	Unit	Norm	Value
Density	kg/m ³	PN-EN ISO 1183-3:2003	1400-1480
Charpy impact test	kJ/m ²	PN-EN ISO 179-1:2004	≥30
Shore durometer	Shore'a D	PN-EN ISO 868:2005	≥75
Softening point Vicat method	°C	PN-EN ISO 306:2004	≥77
Tensile strength	MPa	PN-EN ISO 527-2:1998	≥44
Tensile modulus of elasticity	MPa	PN-EN ISO 527-2:1998	≥2600
Bending modulus of elasticity	MPa	PN-EN ISO 178:2006	≥2600
Bending strength:	MPa	PN-EN ISO 178:2006	≥65
Resistance of climatic ageing , after energy 2,6 GJ/m ² radiation: <ul style="list-style-type: none">• resistance of changing dye• change of Charpy impact	%	PN-EN 513:2002 PN-EN ISO 4892-2 met.A PN-EN 20105-A03:1996 PN-EN ISO 179-1:2004	not less than 4 in gray scale ≤30

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