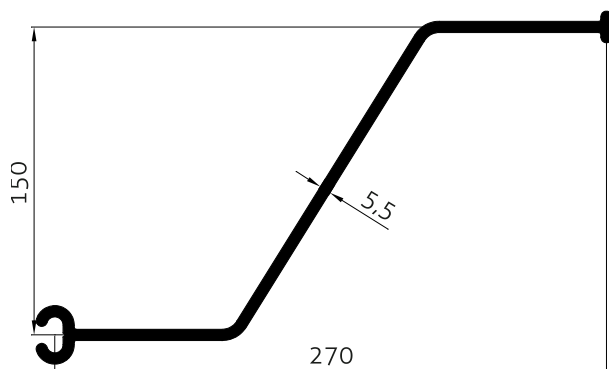
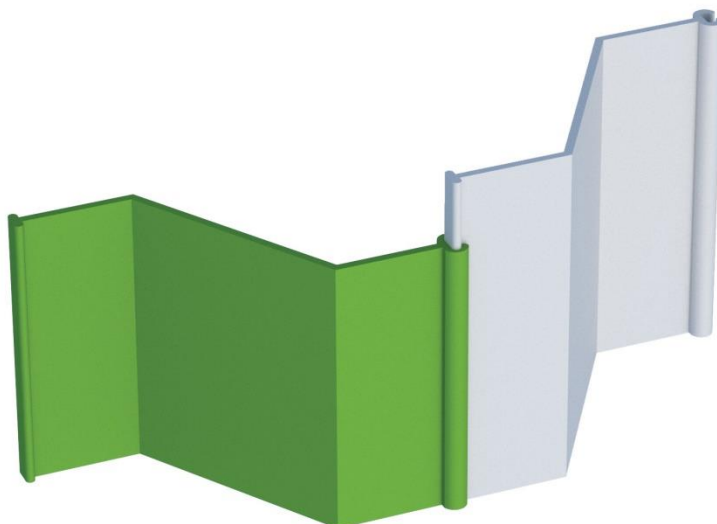




Technical specification

Vinyl sheet pile GW 270/5,5 – trapezoid



	Unit	Value
Section width	mm	270
Section depth	mm	150
Thickness	mm	5,5
Section modulus	cm ³ /m	369,5
Moment of inertia	cm ⁴ /m	3266
Allowable moment*	kNm/m	8,1
Ultimate moment	kNm/m	16,3

* 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