

PVC SHEET PILES

The ultimate solution for marine projects



APPLICATIONS

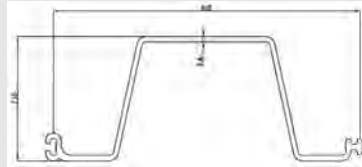
- Anti-erosion protection for rivers and channels
- Flood protection projects
- Embankments for irrigation channels
- Retaining walls
- Embankment for reinforced concrete walls
- Reclamation of polluted areas
- Hydraulic barriers and cut-off walls
- Works against hydrogeological instability

TECHNICAL DETAILS

- Manufactured according to DIN 164-65-01
- Monitored according to ISA 9001:2015
- Sheet pile length up to 12 m
- Ultra-sealing for interlocks available
- Z-piles section modulus 451-1867 cm³
- U-piles section modulus 273-1366 cm³
- For vibratory driving the use of a metal mandrel (drive guide) is recommended

PROPERTIES & ADVANTAGES OF GREENWALL PVC SHEET PILES

The only European manufactured PVC sheet piles with the CE mark.
Excellent permeability of the interlocks and additionally ultra-sealing available on request.
Available in Brown, Green, Sand, Dark Grey and Light Gray colors, UV protected.
If required, we can assist customers in the first stage of design and feasibility analysis.
PVC sheet piles can be used in combination with ground anchors or dead man walls.



Model	Width	Height	Thickness	Weight per pile	Weight per Wall	Moment of Inertia	Section modulus
U-SECTION	mm	mm	mm	kg/m	kg/m ²	cm ⁴ /m	cm ³ /m
GW450	460	140	4.0	5.05	10.9	2107	273
GW460	460	140	5.8	7.2	15.7	2976	397
GW590	600	220	6.8	11.3	18.8	9034	753
GW595	600	220	7.1	11.8	19.7	9041	772
GW600	600	220	8.0	13.5	23.0	10633	967
GW620	600	225	9.5	15.0	25.0	12730	1047
GW622	600	230	9.8	15.2	25.35	14021	1130
GW625	650	240	9.5	16.2	25.0	14992	1245
GW650	650	240	10.5	17.12	26.34	16180	1367

Model	Width	Height	Thickness	Weight per pile	Weight per Wall	Moment of Inertia	Section modulus
Z-SECTION	mm	mm	mm	kg/m	kg/m ²	cm ⁴ /m	cm ³ /m
GW630/9	300	245	9.15	10.0	33.33	20066	1638
GW630/11	300	245	11.3	11.6	34.8	22880	1868

ADVANTAGES

- Competitive price
- Reduced weight
- Reduced transportation costs
- Exceptional duration
- No maintenance
- Ecological
- 100% recyclable
- Impact resistant
- Excellent mechanical performance
- Pollution resistant
- UV resistant
- Corrosion resistant
- Easy to install
- Driving with standard equipment
- Safety on site
- Excellent environmental and aesthetic impact



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