

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

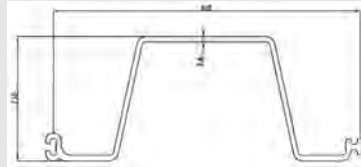
European origin, CE mark applied.

Excellent permeability of the interlocks and additionally ultra-sealing available on request.

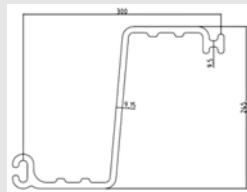
Available in Brown, Green, Sand, Dark Grey and Light Gray colors, UV protected.

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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