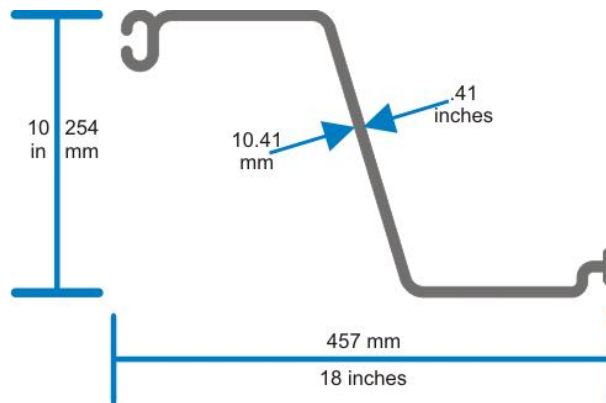


TW80 TECHNICAL DATA SHEET

ABN : 77 611 917 036



| Constituent Material | PVC, Exterior Grade Rigid only | PVC, Exterior Grade Rigid only | |
|-----------------------------|--------------------------------|--------------------------------|--------------|
| Section Width (W) | 18 inches | 457 mm | |
| Section Depth (D) | 10 inches | 254 mm | |
| Section Thickness (T) | .410 inches | 10.41 mm | |
| Weight | 8.0 lbs/lineal foot | 11.58 kg/lineal meter | |
| Moment of Inertia | 140.9 in ⁴ /ft | 19,241 cm ⁴ /m | |
| Section Modulus | 27.2 in ³ /ft | 1,462 cm ³ /m | |
| Ultimate Moment | 14,733 ft-lbs/ft | 6,767 kg-m/m | |
| Allowable Moment | 7,366 ft-lbs/ft | 3,383 kg-m/m | |
| Tensile Strength | ASTM-D638 | 6,500 lbs/in ² | 44.8 Mpa |
| Flexural Strength | ASTM-D790 | 11,140 Psi | 78.0 Mpa |
| Modulus of Elasticity | ASTM-D790 | 380,000 Psi | 2,620 Mpa |
| Notched Izod Impact | ASTM-D256 | 13.75 lbs/in | 2.46 kg/cm |
| Heat Deflection Temperature | ASTM-D648 | 158 degrees F | 70 degrees C |

- Available Colors** Tidewall Vinyl Sheet Piling comes in a standard color of light gray, but it is also available in clay, slate, tan, brown, and other custom colors upon request.
- UV Protection** All Tidewall Products are produced from highly weatherable, UV-stabilized rigid PVC.
- Lifetime Warranty** Tidewall Vinyl Sheet Piling products are covered by a transferable 60 year Limited Warranty that protects against manufacturing defects.