

# TW25 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)	6 inches	152 mm	
Section Thickness (T)	.250 inches	6.35 mm	
Weight	4.9 lbs/lineal foot	7.1 kg/lineal meter	
Moment of Inertia	27.4 in <sup>4</sup> /ft	3,742 cm <sup>4</sup> /m	
Section Modulus	9.1 in <sup>3</sup> /ft	489 cm <sup>3</sup> /m	
Ultimate Moment	4,929 ft-lbs/ft	2,263 kg-m/m	
Allowable Moment	2,464 ft-lbs/ft	1,132 kg-m/m	
Tensile Strength	ASTM-D638	6,500 lbs/in <sup>2</sup>	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.