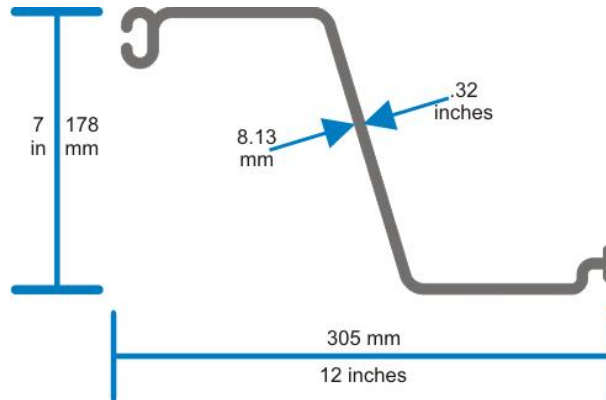


# TW40 TECHNICAL DATA SHEET



| Constituent Material        | PVC, Exterior Grade Rigid only | PVC, Exterior Grade Rigid only |              |
|-----------------------------|--------------------------------|--------------------------------|--------------|
| Section Width (W)           | 12 inches                      | 305 mm                         |              |
| Section Depth (D)           | 7 inches                       | 178 mm                         |              |
| Section Thickness (T)       | .320 inches                    | 8.13 mm                        |              |
| Weight                      | 4.1 lbs/lineal foot            | 5.94 kg/lineal meter           |              |
| Moment of Inertia           | 49.8 in <sup>4</sup> /ft       | 6,801 cm <sup>4</sup> /m       |              |
| Section Modulus             | 14.1 in <sup>3</sup> /ft       | 758 cm <sup>3</sup> /m         |              |
| Ultimate Moment             | 7,637 ft-lbs/ft                | 3,507 kg-m/m                   |              |
| Allowable Moment            | 3,818 ft-lbs/ft                | 1,753 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.