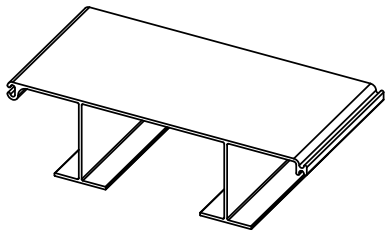
ShoreGuard®
Synthetic Sheet Piling

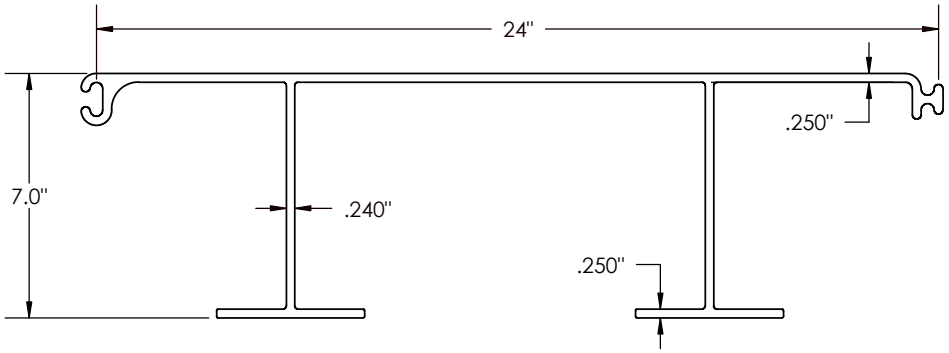
Updated: June 14, 2023

FP-475



Allowable Moment (M)*	5,467 lb-ft/ft	24.32 kN-m/m
Section Modulus (Z)*	20.5 in^3/ft	1,102 cm^3/m
Moment of Inertia (I)	45 in^4/ft	6,145 cm^4/m
Impact Strength**	400 in-lbs	45.19 N-m
Thickness (t)	0.250 in, 0.240 in	6.4 mm, 6.1 mm
Section Depth	7.0 in	178 mm
Section Width	24 in	610 mm
Material	Weatherable Rigid Vinyl	
Cap Compatibility	AW-850, AW-850 STR, VersaCap® 7.5	
Standard Colors	Textured Grey, Textured Clay	
Profile/Patented Features	Flat Profile, I-Beam Lock®, XCR™	
Standard Packaging	8 sheets/bundle	

*Tensile stress limited based on a 3200 psi allowable stress per ASTM D8427-21 and USACE EM 1110-2-2502. Assumes the simply supported bending case (e.g., an anchored wall) where legs are fully and continuously soil supported and the flat face is in bending tension. Due to the asymmetry of the shape, cantilever designs and those with more complex configurations will most likely require a reduction in the sheet pile's design capacity.
** based on a 1600 in-lbs/in impact strength normal to the sheet per ASTM D4226



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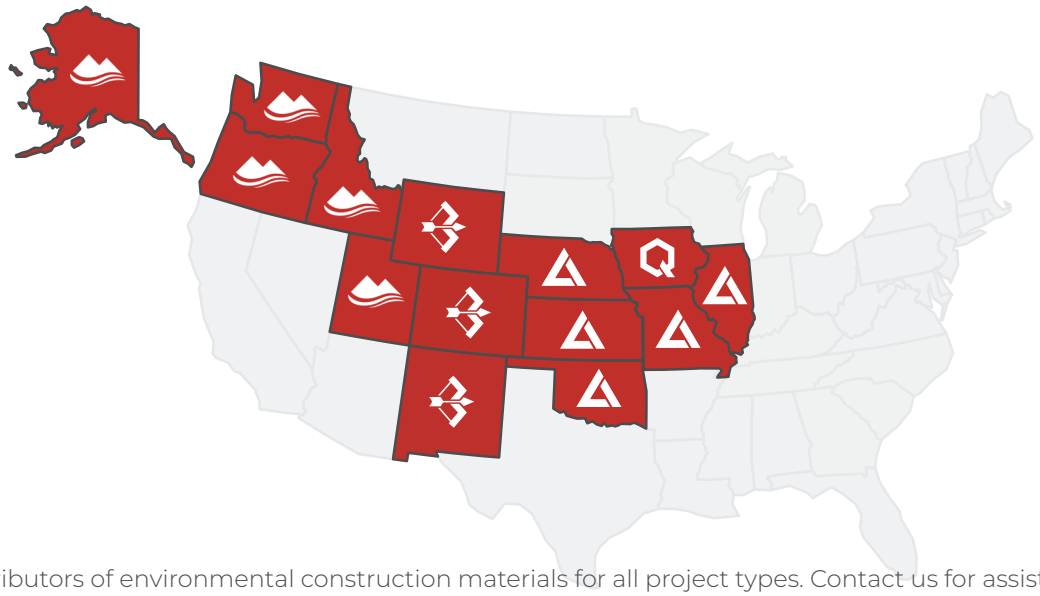

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cascadegeos.com
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