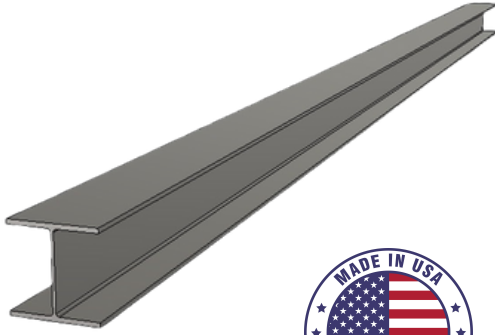


W8 #10.7 I-BEAM SPECIFICATION



UAP's Main W8x10.7 WF Rail is typically used for large spans as the main supporting rail for the 3x2 and 4x3 module rails. This rail has our highest span capacity and is also used for sleepers where longer, stiffer structures are needed for maximum load distribution. It is also used as the main support frame for carports.

PHYSICAL CHARACTERISTICS	Dimensions: 8" High x 8" Wide Weight: 10.725 Lbs/Ft.
STRUCTURAL CHARACTERISTICS	Syymin = 9.241in ³ Iyymin = 36.964 in ⁴ ryymin = 4.11 in Szzmin = 26.999 in ³ Izzmin = 107.996 in ⁴ rzzmin = 3.47 in Ag = 8.983 in ² Ae = 8.983 in ²
MATERIAL	Extruded Aluminum, 6061-T6/6005-T6
SUPPORT SPAN CAPACITY	35 Feet – As Main Support rail 28 Feet – As Carport Support Rail
ROOF ATTACHMENT METHOD	Post with U Bracket Post with Vertical Strut Member
PANEL ATTACHMENT METHOD	Cleat Connection
BRACING ATTACHMENT	Channel Bracket with Nut Bar Channel Rail with Nut Bar
WARRANTY	20 Years



PSS Support Frame



Carport Application



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