

SOLAR PILE

Wilde flange beams for solar piles and posts.

APPLICATIONS

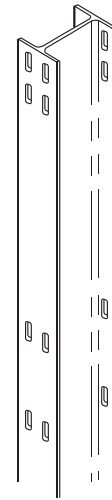
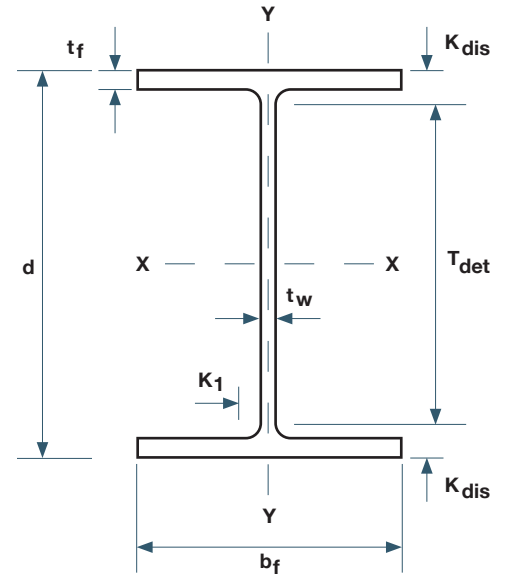
- Driven wide flange beams piles for ground mounted solar structures.

FEATURES

- Lengths under project specification.
- Beam sizes (W6"- W10").
- Steel Grade G50.
- Hot Dip Galvanized.
- Beams cut and slotted under project specification.

BEAMS SIZES AVAILABLES

Depth x Weight	Weight (SI)	Depth	Web	Flange	
Designation			Thikness	Width	Thikness
		d	t	b	tf
(in. x lb/ft)	(kg/m)	(in)	(in)	(in)	(in)
W 6x7	10.4	5.79	0.128	3.94	0.164
W 6x8.5	12.6	5.83	0.170	3.94	0.195
W 6x9	13.4	5.90	0.170	3.94	0.215
W 6x10.4	15.5	5.96	0.200	3.94	0.247
W 6x12	17.9	6.03	0.230	4.00	0.280
W 6x16	23.8	6.28	0.260	4.03	0.405
W 6x15	22.3	5.99	0.230	5.99	0.260
W 6x20	29.8	6.20	0.260	6.02	0.365
W 6x25	37.2	6.38	0.320	6.08	0.455
W 8x10	14.9	7.89	0.170	3.94	0.205
W 8x13	19.3	7.99	0.230	4.00	0.255
W 8x15	22.3	8.11	0.245	4.02	0.315
W 8x18	26.8	8.14	0.230	5.25	0.330
W 8x21	31.3	8.28	0.250	5.27	0.400
W 10x12	17.9	9.87	0.190	3.96	0.210
W 10x15	22.3	9.99	0.230	4.00	0.270
W 10x17	25.3	10.1	0.240	4.01	0.330
W 10x19	28.3	10.2	0.250	4.02	0.395



SPECIFICATION FOR ZINC (HOT-DIP GALVANIZED)

Minimum Average Coating Thickness Grade for structural shapes						
	Web or flange thickness "t" (in), [mm]					
	(t<1/16") [t<1.6 mm]	(1/16" ≤ t < 1/8") [1.6 mm ≤ t < 3.2 mm]	(1/8" ≤ t < 3/16") [3.2 mm ≤ t < 4.8 mm]	(3/16" ≤ t < 1/4") [4.8 mm ≤ t < 6.4 mm]	(1/4" ≤ t < 5/8") [6.4 mm ≤ t < 16 mm]	(t ≥ 5/8") [t ≥ 16 mm]
Grade	45	65	75	75	100	100
Zinc thickness (oz/ft^2)	(1.0)	(1.5)	(1.7)	(1.7)	(2.3)	(2.3)
Thikness (mils) [μm]	(1.8) [45]	(2.6) [65]	(3.0) [75]	(3.0) [75]	(3.9) [100]	(3.9) [100]

MANUFACTURING STANDARDS: ASTM A572-50 ASTM A992 ASTM A123 / A123M - 17