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## Products - Beam & Joists

(nailing strips are plastic - wood available upon request)

6.5"  
A-Beam



6.5" A-Beam  
- 4" Base for Clamps



6.5" A-Beam  
- 4" Flat Base



6.5"  
HL Beam



## 6.5" A-Beam



**The 6½" Aluminum A-Beam** has been the workhorse of the industry for decades. Its strength and lightweight properties provide an optimal working combination. Aluminum minimizes the number of total horizontal and vertical members required on the job, compared to wood. Since it is lightweight compared to steel, the contractor realizes labor productivity through ease of use.

The A-Beam contains a 2" x 2" plastic nailer strip which is formulated to provide nail gripping properties comparable to wood, and will not become soft in hot weather, nor brittle, nor crack in extreme cold. Plastic nailers are much more durable than wood and will withstand repeated use as plastic is apt to self-heal upon fastener removal.

The A-Beam has a T-Head Bolt slot in its base for fastening stringers, strongbacks or I-Beams with the easy-to-use self-locking A-Bolt.

Physical Specifications - 6.5" A-Beam		
Overall Height	6.5"	165 mm
Width, Base	5.0 inches	127 mm
Width, Top	3.2 inches	81 mm
Cross Sectional Area (w/o nailer)	2.7 inches*2	1742 mm*2
Nominal Weight (w/o nailer)	3.2 lbs/foot	4.8 kg/m
Nominal Weight (with nailer)	4.1 lbs/foot	6.3 kg/m

Standard Lengths/Weights - 6.5" A-Beam			
Length (ft)	Length (m)	Weight (lbs) (with nailer)	Weight (kg) (with nailer)
10.5	3.2	43	19
12	3.7	49	22
14	4.3	57	25
16	4.9	66	29
18	5.5	74	33
21	6.4	86	38
* Custom Lengths Available on a Per-Order Basis.			

Load Charts Available Upon Request



## 6.5" A-Beam - 4" Base for Clamps



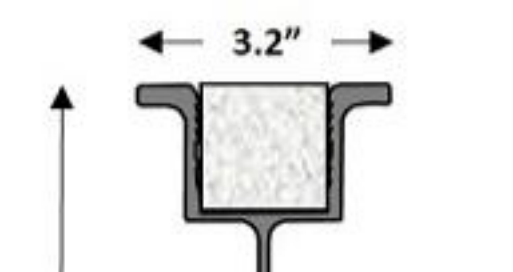

**The 6½" Aluminum A-Beam - 4" Base** is a profile with a narrow 4" bottom flange, perfect for doubling up in 8" shoring-post saddles for extra strength.

The beauty of this engineered profile is that it is not simply an A-Beam clone where 1" of bottom flange (and strength) is missing. The aluminum removed from the bottom flange width has been engineered back into the profile so that this shape **CONFORMS** to the industry standard, 6.5" A-Beam load chart. This product thus weighs the same as the standard A-Beam and is priced similarly.

And too, for the sake of positive A-Clamping, the bottom flange tips have been created to mate perfectly with the standard A-Clamp. These have the side benefit of providing a particularly strong and damage resistant flange.

As with the standard A-Beam, this product contains a 2" x 2" plastic nailer strip which is formulated to provide nail gripping properties comparable to wood, and will not become soft in hot weather, nor brittle, nor crack in extreme cold. Plastic nailers are much more durable than wood and will withstand repeated use as plastic is apt to self-heal upon fastener removal.

The A-Beam - 4" Base has a T-Head Bolt slot in its base for fastening stringers, strongbacks or I-Beams with the easy-to-use self-locking A-Bolt.

Physical Specifications - 6.5" A-Beam - 4" Base		
Overall Height	6.5 inches	165 mm
Width, Base	5.0 inches	127 mm
Width, Top	3.2 inches	81 mm
Cross Sectional Area (w/o nailer)	2.7 inches*2	1742 mm*2
Nominal Weight (w/o nailer)	3.2 lbs/foot	4.8 kg/m
Nominal Weight (with nailer)	4.1 lbs/foot	6.3 kg/m

Load Charts Available Upon Request

Standard Lengths/Weights - 6.5" A-Beam - 4" Base			
Length (ft)	Length (m)	Weight (lbs) (with nailer)	Weight (kg) (with nailer)
10.5	3.2	43	19
12	3.7	49	22
14	4.3	57	25
16	4.9	66	29
18	5.5	74	33
21	6.4	86	38
* Custom Lengths Available on a Per-Order Basis.			



## 6.5" A-Beam - 4" Flat Base



**The 6½" Aluminum A-Beam - 4" Flat Base** is also a profile with a narrow 4" flat-bottom flange, perfect for doubling up in 8" shoring-post saddles for extra strength.

And again, the beauty of this engineered profile is that it is not simply an A-Beam clone where 1" of bottom flange (and strength) is missing. The aluminum removed from the bottom flange width has been engineered back into the profile so that this shape **CONFORMS** to the industry standard, 6.5" A-Beam load chart. This product thus also weighs the same as the standard A-Beam and is also priced similarly.

The bottom flange has been left in its original geometry should the user wish to affix the flange by means other than standard clamping.

As with the standard A-Beam, this product contains a 2" x 2" plastic nailer strip which is formulated to provide nail gripping properties comparable to wood, and will not become soft in hot weather, nor brittle, nor crack in extreme cold. Plastic nailers are much more durable than wood and will withstand repeated use as plastic is apt to self-heal upon fastener removal.

The A-Beam - 4" Base has a T-Head Bolt slot in its base for fastening stringers, strongbacks or I-Beams with the easy-to-use self-locking A-Bolt.

Standard Lengths/Weights - 6.5" A-Beam - 4" Flat Base			

← 3.2" →

Physical Specifications - 6.5" A-Beam - 4" Flat Base		
Overall Height	6.5 inches	165 mm
Width, Base	5.0 inches	127 mm
Width, Top	3.2 inches	81 mm
Cross Sectional Area (w/o nailer)	2.7 inches*2	1742 mm*2
Nominal Weight (w/o nailer)	3.2 lbs/foot	4.8 kg/m
Nominal Weight (with nailer)	4.1 lbs/foot	6.3 kg/m

Length (ft)	Length (m)	Weight (lbs) (with nailer)	Weight (kg) (with nailer)
10.5	3.2	43	19
12	3.7	49	22
14	4.3	57	25
16	4.9	66	29
18	5.5	74	33
21	6.4	86	38
* Custom Lengths Available on a Per-Order Basis.			

Load Charts Available Upon Request



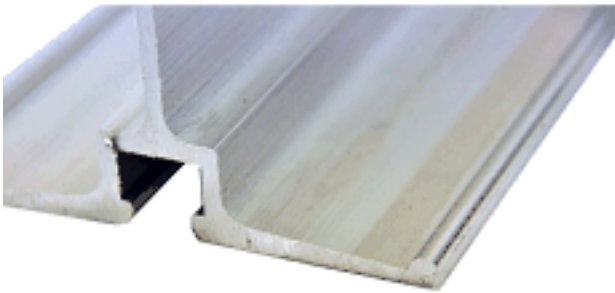
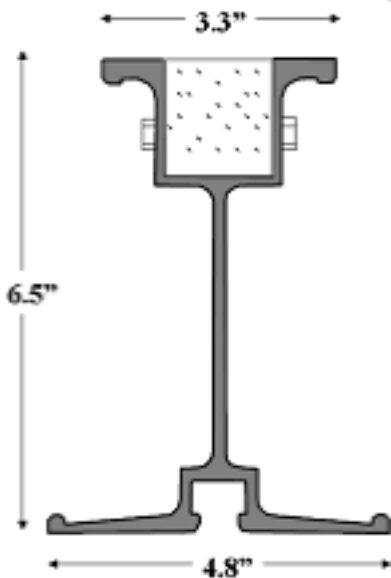
6.5" HL Beam



The **6½" Hi-Lite Style Beam** is a heavier beam than the A-Beam. It can bear somewhat more weight in use than the A-Beam. It also is designed with curls at the ends of all flanges to ensure proper gripping of clamps. The curls also act to provide a stronger flange edge, less apt to be damaged in use and thus providing greater longevity in the field.

As are all **GATEWAY** beams and stringers, the Hi-Lite Style Beam contains a 2" x 2" plastic nailer strip which is formulated to provide nail gripping properties comparable to wood, and will not become soft in hot weather, nor brittle, nor crack in extreme cold. Plastic nailers are much more durable than wood and will withstand repeated use as plastic is apt to self-heal upon fastener removal.

The Hi-Lite Style Beam has the standard T-Head Bolt slot in its base for fastening stringers, strongbacks or I-Beams with the standard easy-to-use self-locking A-Bolt.



Physical Specifications - Hi-Lite		
Overall Height	6.5 inches	165 mm

Standard Lengths/Weights - Hi-Lite			
Length (ft)	Length (m)	Weight (lbs) (with nailer)	Weight (kg) (with nailer)
10.5	3.2	44	20
12	3.7	50	23

Width, Base	4.8 inches	122 mm
Width, Top	3.3 inches	84 mm
Cross Sectional Area (w/o nailer)	2.8 inches*2	1806 mm*2
Nominal Weight (w/o nailer)	3.4 lbs/foot	5.1 kg/m
Nominal Weight (with nailer)	4.2 lbs/foot	6.3 kg/m

14	4.3	59	27
16	4.9	67	30
18	5.5	76	34
21	6.4	88	40
* Custom Lengths Available on a Per-Order Basis.			

Load Charts Available Upon Request

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All Gateway Industries Joists, Beams, Stringers are compatible with all major aluminum shoring systems including Aluma Systems' Aluma Beam, Aluma Stringer, Aluma Strongback, and Jasco's Hi-Lite Beam, Hi-Lite Stringer, and Patent Construction' (Harsco) Patent Joist, Patent Stringer, and Symons Joist, Symons Beam, and Safway Joist, Safway Stringer, and Waco Scaffolding Beam, Waco Stringer, etc....

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