

MOSAIC

PLANKS & BATTENS

BATTEN SYSTEM DATA SHEET

Product Information

- The perfect architectural solution for a variety of exterior and interior applications including sunshades, privacy screens, fencing, and decorative elements.
- Made of 6063-T6 extruded aluminum alloy.
- Both prepunched and t-shaped end caps available.
- Lightweight, durable and our licensed proprietary sublimation process makes its beauty last for years.

Available Finishes

Solid colors, woodgrains, and specialty finishes.

Visit lumabuilt.com to view all available finishes.

Warranty

Woodgrains: 15-year standard warranty (20 year specialty warranties on request)

Solid Colors: 20-year standard warranty

Full details are available at lumabuilt.com.

Testing Information

- System Testing with CA & PA Stamps: ASTM E2768/E84, ASTM E136, AAMA 1402
- Paint Finish Testing: AAMA 2605
- Fully ICC Certified: ESR-5449
- Class "A" Fire Rating
- FL Supplement with HVHZ (ESR-5449)

SOLID BATTENS

PROFILE/PRODUCT	LENGTH	WEIGHT
1" x 3" Solid Batten	24"	.716 lb/ft
1" x 4" Solid Batten	24"	.869 lb/ft
1" x 5" Solid Batten	24"	1.025 lb/ft
1" x 6" Solid Batten	24"	1.180 lb/ft
1" x 8" Solid Batten	24"	1.947 lb/ft
2" x 8" Solid Batten	24"	2.183 lb/ft
2" x 8" 6-Screw Boss Solid Batten	24"	2.934 lb/ft
4" x 10.75" Cee Fin	24"	4.898 lb/ft

L-CONNECT ASSEMBLIES

PROFILE/PRODUCT	LENGTH	WEIGHT
1" x 3" L-Connect Batten	24"	1.013 lb/ft
1" x 4" L-Connect Batten	24"	1.205 lb/ft
1" x 5" L-Connect Batten	24"	1.396 lb/ft
1" x 6" L-Connect Batten	24"	1.586 lb/ft
4" x 8" L-Connect Batten	24"	3.156 lb/ft

* Custom lengths are available upon request. Order minimums may apply.

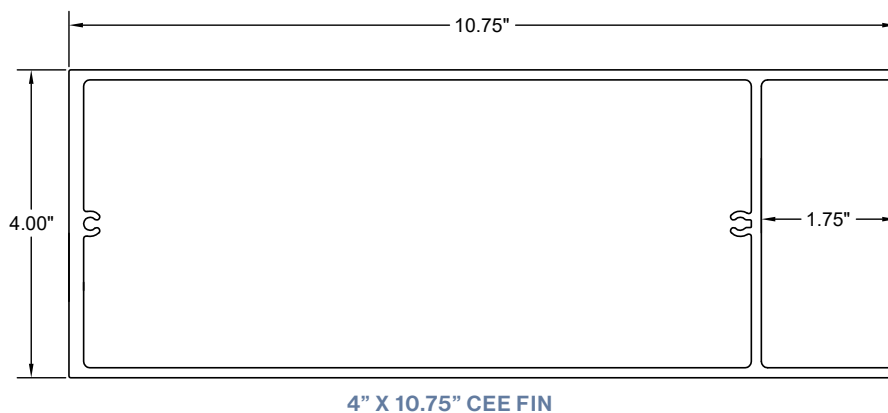
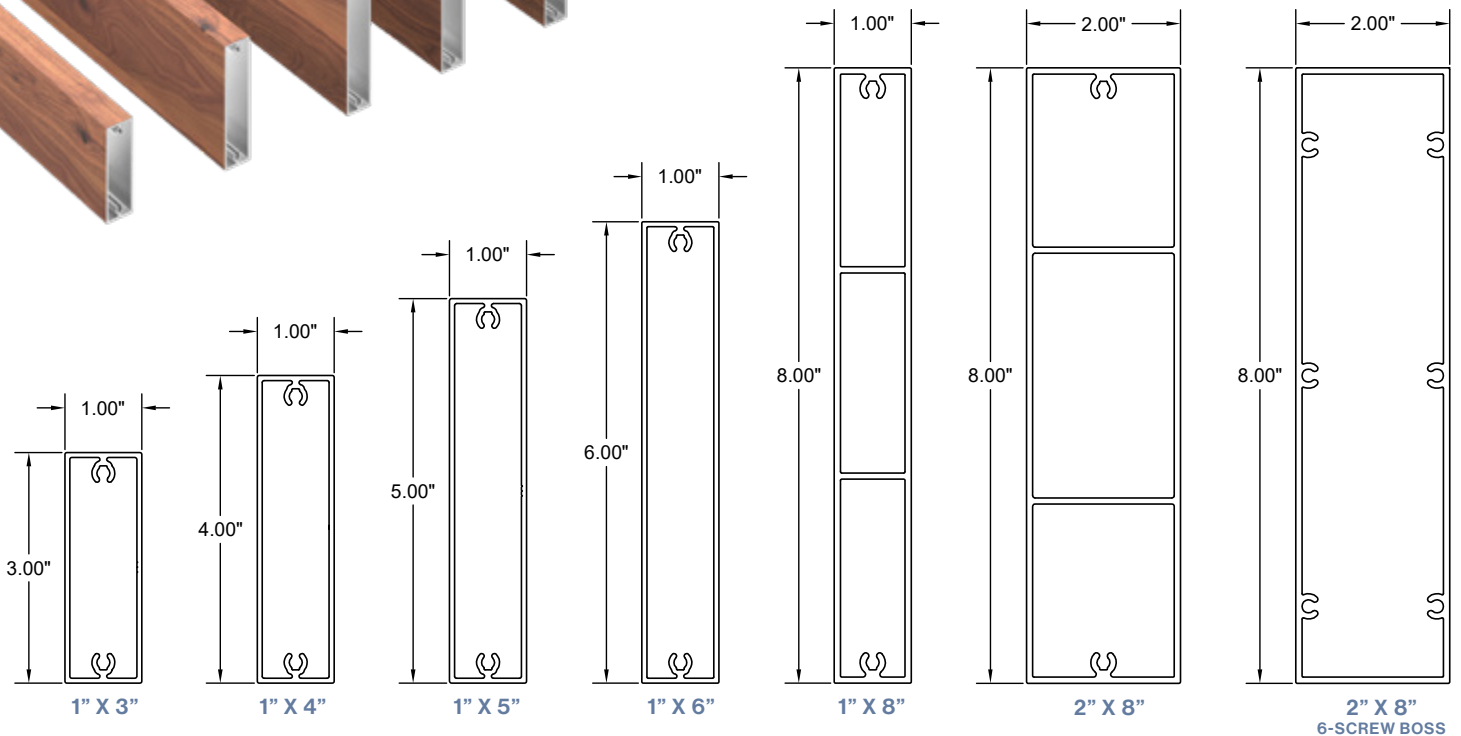
BATTEN ASSEMBLIES

PROFILE/PRODUCT	LENGTH	WEIGHT
2" Batten Base	24"	.535 lb/ft
2" Batten Cap	24"	.558 lb/ft
3" Batten Cap	24"	.804 lb/ft
4" Batten Cap	24"	.996 lb/ft
6" Batten Cap	24"	1.525 lb/ft
8" Batten Cap	24"	2.408 lb/ft
Batten Extension	24"	.849 lb/ft
6" x 1" Batten Assembly	24"	1.597 lb/ft
4" x 2" Batten Assembly	24"	1.500 lb/ft

EXPOSED BRACKETS

PROFILE/PRODUCT	LENGTH	WEIGHT	THICKNESS
1" U Bracket	3" - 12"	.111 lb/ft	.125"
2" U Bracket	3" - 12"	.221 lb/ft	.125"
L Bracket	3" - 12"	.110 lb/ft	.125"
Angle Bracket	3" - 12"	.115 lb/ft	.125"

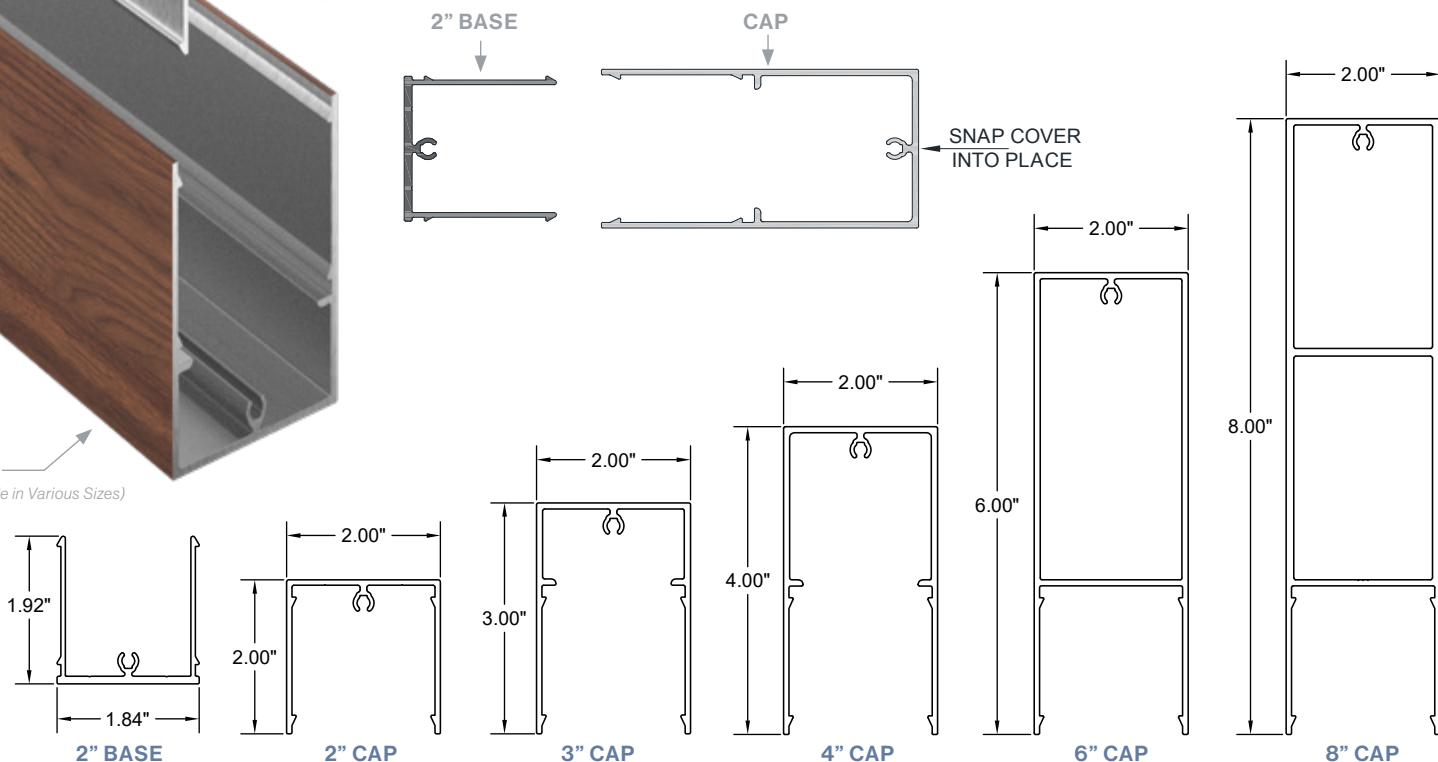
SOLID BATTENS



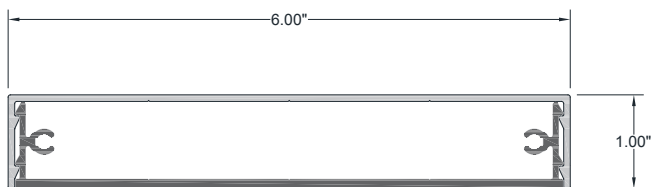


2" BATTEN ASSEMBLIES

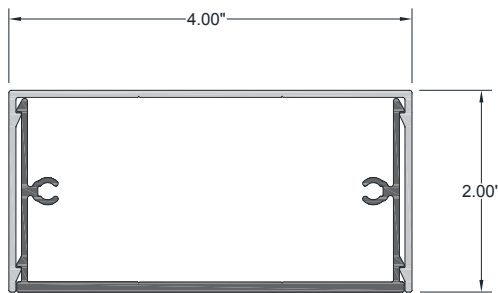
Our 2" Batten Assemblies consist of a 2" base profile paired with a range of snap-on caps in 2", 3", 4", 6", and 8" heights. The base forms one side of the batten, while the cap encloses the remaining three sides, creating finished profiles of 2"x2", 2"x3", 2"x4", 2"x6", and 2"x8". This modular design conceals fasteners for a clean, uninterrupted appearance while maintaining secure attachment. The system provides flexibility for architects to vary depth and scale within a single project, supporting both functional and aesthetic design goals.



Other Batten Assembly Sizes



6" X 1" BATTEN ASSEMBLY



4" X 2" BATTEN ASSEMBLY

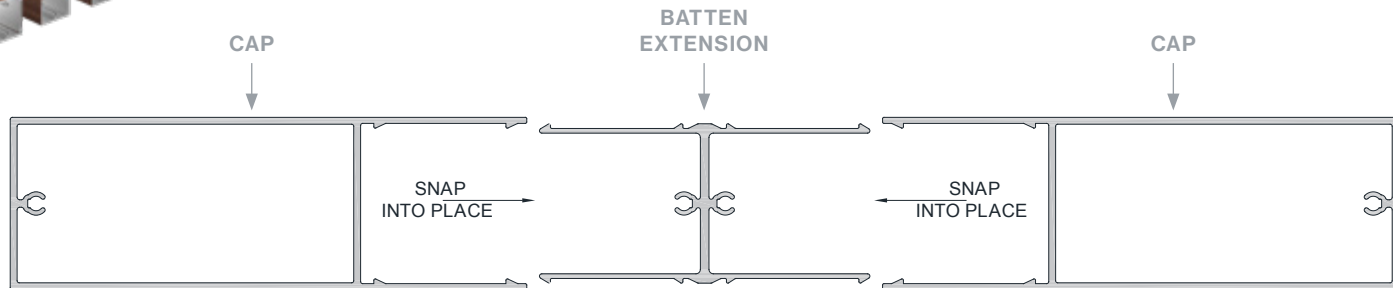
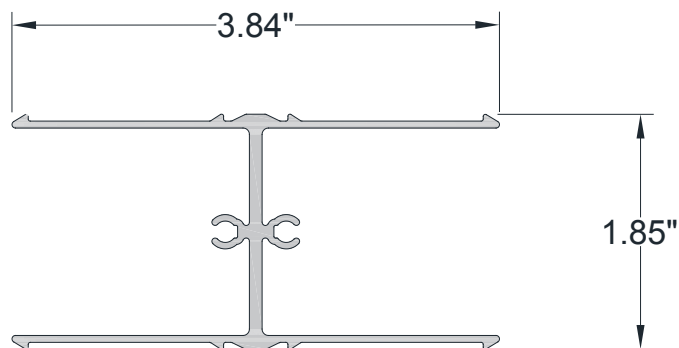
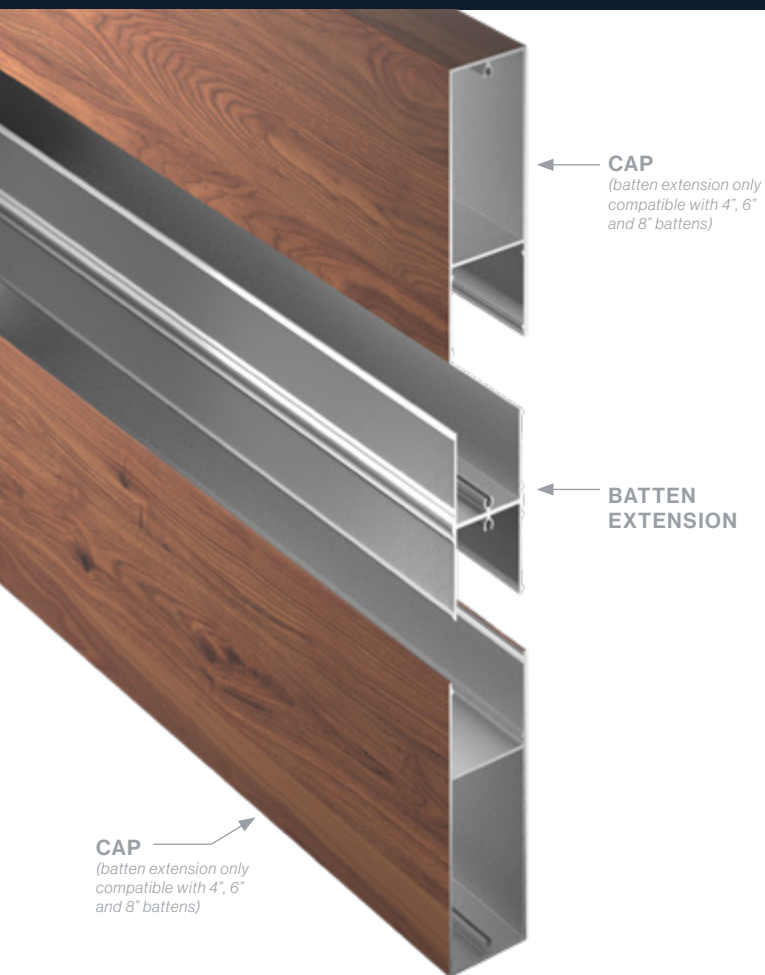
BATTEN EXTENSION

The Batten Extension is an aluminum extrusion designed to expand the versatility of our 2" batten assemblies. It allows two different batten caps to be joined together, creating larger profiles beyond the standard cap sizes. For example, an 8" and 6" cap can be combined to form a continuous 2"x14" batten. Because these larger assemblies do not use a 2" base, installation will require exposed brackets. The Batten Extension opens up new opportunities for creative expression, giving architects and designers the flexibility to scale battens to unique dimensions while maintaining a consistent system aesthetic.

Batten Extension Combinations

CAP COMBINATION	FINAL BATTEN SIZE
6" Cap & 4" Cap	2" x 10"
6" Cap & 6" Cap	2" x 12"
6" Cap & 8" Cap	2" x 14"
8" Cap & 8" Cap	2" x 16"

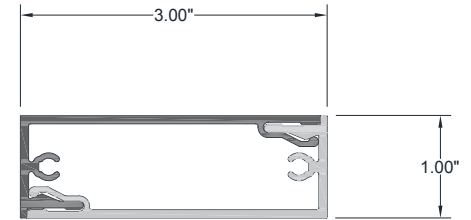
Batten extensions will create a visible seam where caps connect, and natural variation within wood-mimicking finishes means grain patterns will not align seamlessly. These effects are expected and should be considered during design. We recommend requesting physical samples to confirm aesthetics prior to purchase.



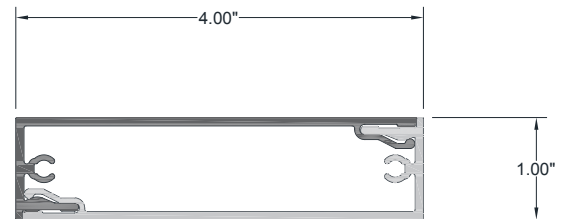
The L-Connect Assembly provides exceptional flexibility and design versatility within the Mosaic Batten System. Its unique profile allows fasteners to be installed through either side of the batten, concealing them completely once assembled for a clean, uninterrupted appearance. This design enables secure attachment while preserving a refined, seamless look—ideal for architectural applications where visual continuity and precision detailing are essential. The L-Connect Assembly gives designers the freedom to achieve complex layouts without compromising aesthetics or installation efficiency.



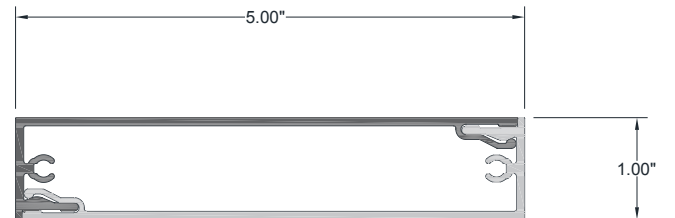
L-CONNECT ASSEMBLIES



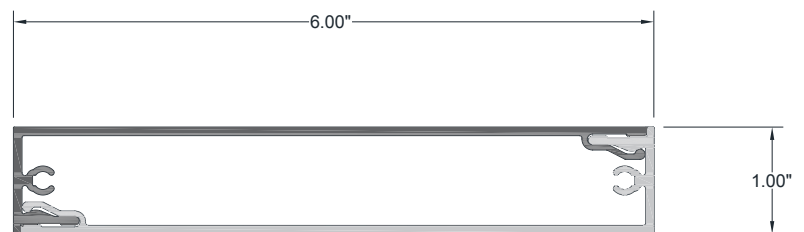
1" X 3" L-CONNECT ASSEMBLY



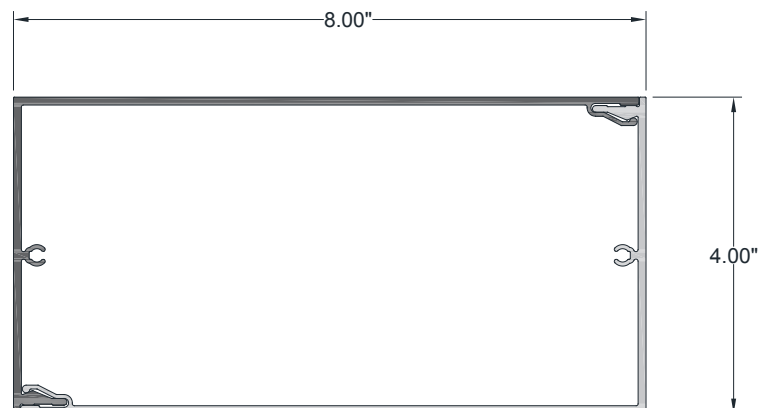
1" X 4" L-CONNECT ASSEMBLY



1" X 5" L-CONNECT ASSEMBLY



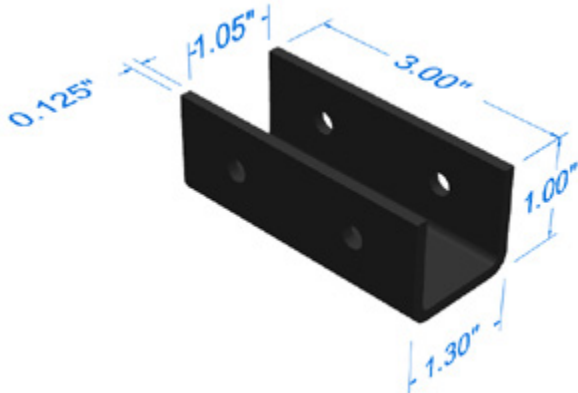
1" X 6" L-CONNECT ASSEMBLY



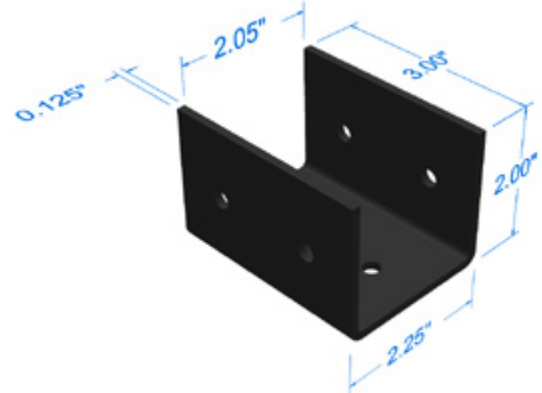
4" X 8" L-CONNECT ASSEMBLY

EXPOSED BRACKETS

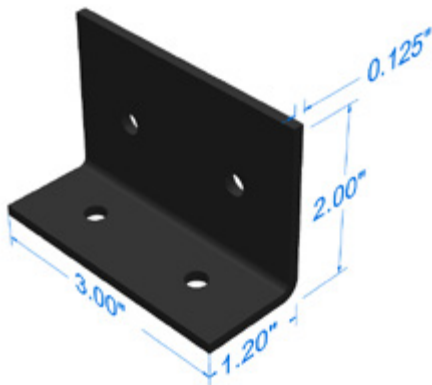
1" U BRACKET



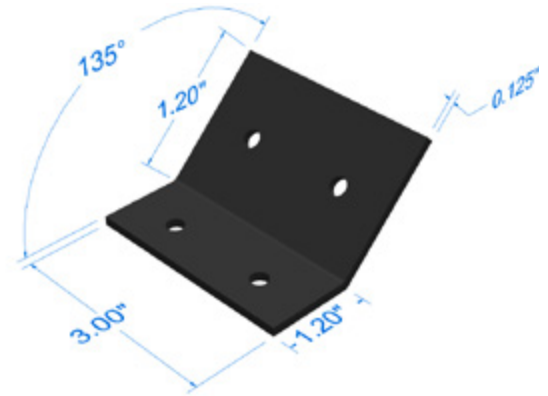
2" U BRACKET



L BRACKET



ANGLE BRACKET



T END CAPS



T End Caps feature a quick, press-fit design that delivers a seamless, wood beam-like finish at the end of each batten. For long-term hold and stability, a small amount of silicone adhesive is recommended during installation.

FLAT END CAPS



Flat End Caps feature a flat design with pre-punched holes for customer-supplied fasteners, allowing for quick and secure installation. Once attached, the exposed rivets provide a clean, industrial appearance that complements a wide range of architectural styles.