

PRELUDE® ML

15/16" Exposed Tee System

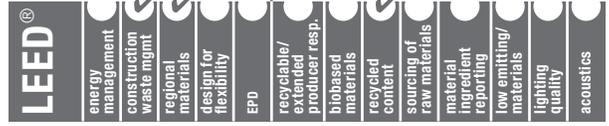
DeclareSM
Living Building
Challenge Compliant

SUSTAINSM
High Performance
Sustainable
Ceiling Systems



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LOCATION DEPENDENT



KEY SELECTION ATTRIBUTES

- **PeakForm**® profile increases strength and stability for improved performance during installation
- Prelude ML is part of the Sustain® portfolio and meets the most stringent sustainability compliance standards today
- **SuperLock**™² main beam clip is engineered for a strong, secure connection and fast, accurate alignment confirmed with an audible click; easy to remove/relocate
- Hot dipped galvanized coating inhibits red rust better than electrogalvanized or painted systems



- Rotary-stitched during manufacture for additional torsional strength and extra stability during installation
- Hook staked-on end detail provides secure locked connection; easy to remove, reuse, and relocate
- 10-year limited warranty; 30-year limited warranty with **HumiGuard**® Plus products
- Main beams and cross tees can be ordered with special sizing and rout spacing for your project needs
- **Made-to-order** main beams and cross tees can be ordered with special sizing and rout spacing for your project needs in one carton minimums with two week lead times

TYPICAL APPLICATIONS

- Offices
 - Education
 - Retail
 - Hospitality
- Blizzard White powder-coated finish coordinates with Calla®, Optima®, Ultima® and Lyra® ceiling panels for a clean, seamless, monolithic installed visual.

VISUAL SELECTION

Item No.♦	Face Profile	Description	Rout Spacing	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.	
Prelude ML						
□ 7301 __♦	15/16"	12' HD Main Beam	6" O.C.	144 x 15/16 x 1-11/16"	4 Ft.	5 Ft.
□ 7300	15/16"	12' ID Main Beam	6" O.C.	144 x 15/16 x 1-11/16"	13.50	6.35
□ 7302	15/16"	10' ID Main Beam	6" O.C.	120 x 15/16 x 1-11/16"	13.50	6.35
□ ML7357	15/16"	5' Cross Tee	10", 30", 50", 56", 76", 96", 116", 122"	60 x 15/16 x 1-11/16"	–	7.61
□ ML7343 __♦	15/16"	4' Cross Tee	10", 30", 50", 70", 90", 110", 116"	48 x 15/16 x 1-1/2"	7.80	–
□ ML7323 __♦	15/16"	2' Cross Tee	6" O.C.	24 x 15/16 x 1-1/2"	38.63	–
□ ML7313	15/16"	1' Cross Tee	12" O.C.	12 x 15/16 x 1-1/2"	40.45	–

PERFORMANCE

Fire Guard™	Seismic Category
Dots represent high level of performance.	
–	•
–	–
–	–
–	–
–	–
–	–
–	–

PACKAGING

Pcs./ Ctn.	Lin. Ft./ Ctn.
20	240
20	240
20	200
60	300
60	240
60	120
120	120

Size Capabilities	Main Beams Length	Cross Tees Length
15/16" 1 CTN MIN Made-to-Order Sizes or Colors (2 Wks)	36" – 144" Rout spacing 3" from ends, 6" thereafter NOTE: Up to 6 Weeks for Color & Size Combinations	6" – 144"

Varies Varies

ASTM Class
HD – Heavy-duty
ID – Intermediate-duty
LD – Light-duty

♦ Simple Span
Made-to-Order main beams and cross tees can be ordered with special sizes, rout spacing, and colors for your project needs in one carton minimums.

Item No.♦	Description	Length	(A) Flange	(B) Flange	(C) Flange	Pcs./ Ctn.	Lin. Ft./ Ctn.
Suggested Molding (Additional molding options available. See catalog pgs 269-270)							
□ 7800 ♦ □ 7800HRC	12' Hemmed Angle Molding	144"	7/8"	7/8"	–	30	360
□ 7808 ♦	10' Hemmed Angle Molding	120"	2"	2"	–	10	100
□ 780812 ♦	12' Hemmed Channel Molding	144"	2"	2"	–	10	120

♦ Simple Span
♦ Items available in Standard, Premium, Wood Look, and Blizzard White powder coated finish.
When specifying or ordering items with a color or finish add the 2-letter color suffix to the end of the item number (ex. 7301HA) Haz

PRELUDE® ML

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MAXIMUM FIXTURE WEIGHT

Item No.♦	Configuration		Fixture		Planning Module		Hanger Spacing		Maximum Weight	
	A	B	A	B	A	B	A	B	A	B
Main Beam to Main Beam										
<input type="checkbox"/> 7300/7302 <input type="checkbox"/> 7301			24" x 48"	24" x 48"	48" x 48"	48" x 48"	48"	48"	72.0 lbs. 76.0 lbs.	72.0 lbs. 76.0 lbs.
<input type="checkbox"/> 7300/7302 <input type="checkbox"/> 7301			12" x 48"	12" x 48"	48" x 48"	48" x 48"	48" x 48"	–	72.0 lbs. 76.0 lbs.	54.0 lbs. 76.0 lbs.

Main Beams tested as follows: 7300 tested at 13.0 lbs./LF to 1/360 of 4' span; 7301 tested at 16.5 lbs./LF to 1/360 of 4' span.

Cross Tee to Cross Tee

<input type="checkbox"/> ML7343			24" x 48"	24" x 24"	48" x 48"	48" x 48"	48"	48"	51.0 lbs.	36.0 lbs.
<input type="checkbox"/> ML7343			24" x 48"	12" x 48"	48" x 48"	48" x 48"	48"	48"	51.0 lbs.	47.0 lbs.

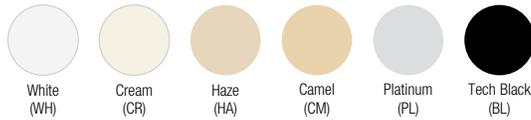
Cross tees tested as follows: ML7343 tested at 9.00 lbs./LF to 1/360 of 4' span.

Main Beam ↑ Hanger Wire (•)

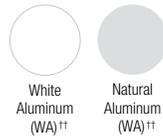
*Fixtures weighing more than 56 lbs. should be independently supported. Fixture weight is based on single fixture only. For end-to-end fixtures or other configurations not shown, consult your Armstrong Ceilings representative.
NOTE: The above data is based on 48" hanger wire spacing, board weight of 1 lb./SF, maximum deflection of tees not to exceed 1/360 of the span, and suspension system installed in accordance with ASTM C636.

COLOR AND FINISH SELECTION

Standard



Premium



Powder-coated Finish



NOTE: Color chips included with samples of Armstrong® Grid. See your Armstrong Ceilings representative for sample material.

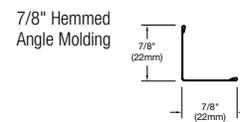
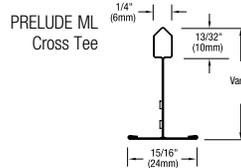
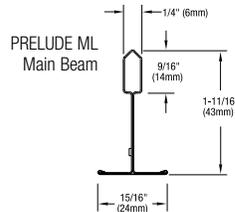
DETAILS For more information, see submittal BPCS-3346.



PRELUDE ML
Main Beam



PRELUDE ML
Cross Tee



SEISMIC PERFORMANCE

Main Beams

7300, 7302, 7301

Minimum Lbs. To Pull Out Compression/Tension

334.0
330.0

Cross Tees

All ML cross tees exceed 130 lbs. In compression/tension

ICC Reports

For areas under ICC jurisdiction, see ICC evaluation report number 1308 for allowable values and/or conditions of use concerning the suspension system components listed on this page. The report is subject to reexamination, revisions and possible cancellation.

** To derive maximum lbs/SF, divide the on-center spacing of the component into the lbs/LF given in the load test data table.

PHYSICAL DATA

Material

Hot dipped galvanized steel

Surface Finish

Baked polyester paint or anodized

Manufactured and tested in accordance with ASTM C635

Face Dimension

15/16"

Profile

Exposed tee

Cross Tee/Main Beam Interface

Flush fit

End Detail

Main Beam: Staked-on clip

Cross Tee: Staked-on hook clip

Duty Classification

Intermediate or Heavy-duty