

SONATA® XL®

Dimensional Tee System

30% RECYCLED CONTENT

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Offers upscale architectural detailing that a co-extruded steel system provides with the benefit of installation ease.

KEY SELECTION ATTRIBUTES

- Seismic Rx® Suspension System saves time and money; Armstrong offers an ICC-ES approach to installations (ESR-1192)
- Co-extruded steel provides crisp edge and profile detailing and excellent corrosion resistance
- XL2 staked-on end detail provides secure locked connection; easy to remove, reuse, and relocate
- Accommodates virtually any fixture, especially 1' x 4' light fixtures
- 10-year limited warranty; 30-year limited warranty with HumiGuard® Plus products
- Some items available in metric sizes


TYPICAL APPLICATIONS

- Offices
- Lobbies and corridors
- Conference rooms
- Retail
- Hospitality

VISUAL SELECTION




PERFORMANCE

PACKAGING

Face Profile	Item No.	Description	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.				Fire Guard™	Seismic Category 	Pcs./ Ctn.	Lin. Ft./ Ctn.
Sonata				2 Ft.	30"	4 Ft.	5 Ft.	Dots represent high level of performance.			
<input type="checkbox"/> 6501	9/16"	12' HD Main Beam	144 x 9/16 x 1-13/16"	—	—	19.42	—	—	●	50	144
<input type="checkbox"/> XL6541_ _ ♦	9/16"	4' Cross Tee	48 x 9/16 x 1-13/16"	—	—	15.88	—	—	—	36	144
<input type="checkbox"/> XL6521_ _ ♦	9/16"	2' Cross Tee	24 x 9/16 x 1-13/16"	42.0	—	—	—	—	—	36	72
<input type="checkbox"/> XL6511	9/16"	1' Cross Tee	12 x 9/16 x 1-13/16"	42.0	—	—	—	—	—	36	36
* Simple Span ♦ Add 2-letter color suffix to item number when specifying or ordering (ex. 6500S G)										ASTM Class HD - Heavy-duty ID - Intermediate-duty LD - Light-duty	

Item No.	Description	Length	(A) Flange	(B) Flange	(C) Flange	Pcs./ Ctn.	Lin. Ft./ Ctn.
Suggested Wall Moldings and Shadow Moldings (Additional molding options available. See catalog pgs. 269-270)							
<input type="checkbox"/> 7821	12' Shadow Molding	144"	9/16"	15/16"	3/16"	30	360

MAXIMUM FIXTURE WEIGHT

Configuration		Item No.	Fixture		Planning Module		Hanger Spacing		Maximum Weight	
A	B		A	B	A	B	A	B	A	B
Main Beam to Main Beam — Drawing Key: Main beam (↑) Cross tee (—) Hanger wire (✦)										
		6500B	24" x 48"	—	48" x 48"	—	48"	—	75.0 lbs.	—
Main beam tested at 12.85 lbs./lin. ft. to 1/360 of 4" span.										
Cross Tee and Cross Tee — Drawing Key: Main beam (↑) Cross tee (—) Hanger wire (✦)										
		XL6541	24" x 48"	24" x 24"	48" x 48"	48" x 48"	48"	48"	74.0 lbs.	85.0 lbs.

48" cross tee tested at 13.75 lbs./lin. ft. to 1/360 of 4' span

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 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.

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COLOR SELECTION

Due to printing limitations, shade may vary from actual product.



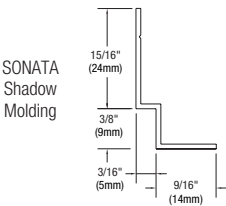
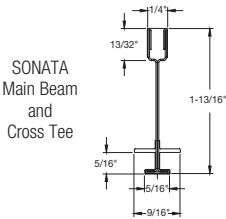
DETAILS



SONATA
Main Beam



SONATA
Cross Tee



SEISMIC PERFORMANCE

Main Beams

6500/6506/6501

Minimum Lbs. To Pull Out Compression/Tension

322.0

Cross Tees

XL6541, XL6521, XL6561, XL6531, XL6511

Minimum Lbs. To Pull Out Compression/Tension

258.0

ICC Reports

For areas under ICC jurisdiction, see ICC evaluation report number ESR-1289 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

Co-extruded galvanized steel

Surface Finish

High-Impact PVC

Manufactured and tested in accordance with ASTM C635

Face Dimension

9/16"

Profile

Dimensional tee

Cross Tee/Main Beam Interface

Flush fit and center protrusion

End Detail

Main Beam: Main Beam Interface

Cross Tee: Staked-on clip

Duty Classification

Intermediate or Heavy-duty