SONATA® XL®

Dimensional Tee System

30% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrongceilings.com/greengenie

LEED®

energy management	construction waste mgmt ✓	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content ✓	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics

▲ LOCATION DEPENDENT

Sonata® XL® suspension system

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
- 10-Year replacement items available

10-YEAR Availability

TYPICAL APPLICATIONS

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

VISUAL SELECTION / PERFORMANCE / PACKAGING

Item No.	Face Profile	Description	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.				Fire Guard™	Seismic Category DEF	Pcs./ Ctn.	Lin. Ft./ Ctn.
Sonata				2 Ft.	30"	4 Ft.	5 Ft.	Dots represent high level of performance.			
☐ **6501**	9/16"	12' HD Main Beam	144 x 9/16 x 1-13/16"	–	–	19.42	–	–	•	12	144
☐ **XL6541_ _◆**	9/16"	4' Cross Tee	48 x 9/16 x 1-13/16"	–	–	15.88	–	–	–	36	144
☐ **XL6521_ _◆**	9/16"	2' Cross Tee	24 x 9/16 x 1-13/16"	42.0	–	–	–	–	–	36	72

* 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)							
☐ **7821**	12' Shadow Molding	144"	9/16"	15/16"	3/16"	30	360

MAXIMUM FIXTURE WEIGHT

Configuration A	Configuration B	Item No.	Fixture A	Fixture B	Planning Module A	Planning Module B	Hanger Spacing A	Hanger Spacing B	Maximum Weight A	Maximum Weight 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.

White (WH)

Silver Grey (SG)

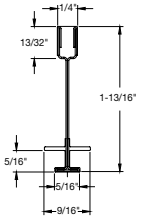
Gun Metal Grey (MY)

DETAILS

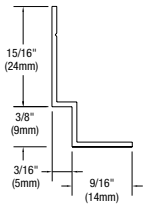
SONATA Main Beam

SONATA Cross Tee

SONATA Main Beam and Cross Tee



SONATA Shadow Molding



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

TechLine / 1 877 276-7876
armstrongceilings.com/suspensionsystems
(search: suspension systems)
BPCS-3209-519

Armstrong® CEILING SOLUTIONS