

PRELUDE® XL

15/16" Exposed Tee System for Exterior Applications

Prelude XL 15/16" Exposed Tee System for Exterior Applications offers maximum protection when severe environmental performance is required.

Key Selection Attributes

- **Seismic Rx®** Suspension System saves time and money; ICC-ES approach to installations (ESR-1308)
- **PeakForm®** patented profile increases strength and stability for improved performance during installation
- **SuperLock™2** main beam clip is engineered for a strong, secure connection and fast accurate alignment confirmed with an audible click; easy to remove and relocate
- Main beams, cross tees and wall molding are **minimum G90** hot dipped galvanized steel with prefinished aluminum capping.
- Rotary-stitched during manufacture by a patented method for additional torsional strength and extra stability during installation.
- XL² staked-on end detail provides secure locked connection; easy to remove, reuse and relocate.
- 15-year Limited MetalWorks Vector™ Exterior Applications Systems Warranty.
- System conforms to ASTM C635 for Severe Environmental Performance.

Typical Applications

- Non-exposed exterior corridors
- Drive-thru areas
- Verandas, porches, covered galleries
- Indoor parking garages

Color Selection

- WH - White Aluminum

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

NOTE: Installation drawings are included in the MetalWorks Vector for Exterior Applications installation instructions, LA-295587

Product Description

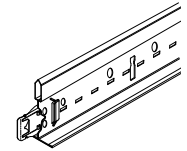
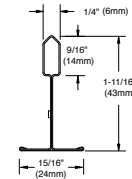
Materials

A. General: ASTM C635 Heavy-duty main beam classification, commercial-quality G90 hot dipped galvanized steel. All surfaces chemically cleansed, with aluminum capping prefinished in baked polyester paint.

B. Components:

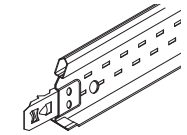
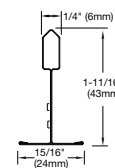
1. Main Beams: Double-web construction, web height 1-11/16" with roof top bulb and 15/16" flange with prefinished aluminum capping.

- 7301G90A (144", routs 6" OC, heavy-duty)
- Other _____



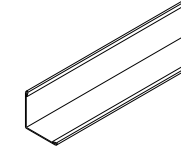
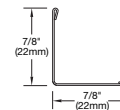
2. Cross Tee: Double-web construction, web height 1-11/16", roof top bulb and 15/16" flange with prefinished aluminum cap and override at each end. Staked-on end detail allows easy cross tee removal and remounting.

- XL7321G90A (24")
- XL7341G90A (48")
- Other _____



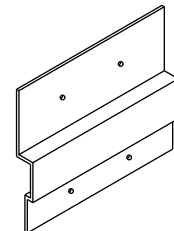
3. Wall Molding: Hemmed aluminum-capped angle molding with prefinished exposed flanges.

- HD7801G90A (120", angle molding, nominal 7/8")
- Other _____



4. Accessories: Hot dipped galvanized steel; unpainted.

- BACG90 - Bracing Attachment Clip.



PRELUDE® XL

15/16" Exposed Tee System

Physical Data

Material

Hot dipped galvanized steel with aluminum cap

Surface Finish

Baked polyester paint

Face Dimension

15/16"

Profile

Exposed tee

Cross Tee/Main Beam Interface

Override

End Detail

Main Beam: Staked-on clip

XL Cross Tee: Staked-on clip

Duty Classification

Heavy-duty

Main Beam Load Test Data

MAIN BEAMS	LENGTH	WEB HEIGHT	ASTM CLASS	HANGER SPACING Lbs./LF. (Simple Span)**	
				4'	5'
7301G90A	144"	1-11/16"	Heavy-duty	16.5	6.92

Cross Tee Load Test Data

CROSS TEES	LENGTH	WEB HEIGHT	HANGER SPACING Lbs./LF. (Simple Span)**	
			4'	
XL7321G90A	24"	1-11/16"	74.38	
XL7341G90A	48"	1-1/2"	16.59	

Seismic Performance

MAIN BEAMS	MINIMUM LBS. TO PULL OUT COMPRESSION/TENSION
7301G90A	446.7

CROSS TEES	MINIMUM LBS. TO PULL OUT COMPRESSION/TENSION
XL7321G90A, XL7341G90A	433.5

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.

Wind Uplift Performance

Tested for wind uplift capacity up to Class 90. Contact Techline at 1 877 ARMSTRONG for installation instructions and documentation.