


360° Painted Grid System

Recycled
Content:
25%



360° Painted Grid with 4" AXIOM®-Classic Curved Perimeter Trim

Key Selection Attributes

- **PeakForm™** patented profile** increases strength and stability for improved performance during installation 
- **SuperLock™** main beam clip is engineered for a strong, secure connection and fast accurate alignment confirmed with an audible click; easy to remove and relocate
- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized or painted systems
- 2.0 mil thick powder coating for added corrosion resistance and better overall coverage
- Powder coated items are available in 9/16" and 15/16" face

- Choice of more than 180 colors; matte and gloss finishes, custom colors available
- Baked polyester paint option available in black and white
- Touch-up paint available
- Paint provided to field paint clips (Baked polyester in black and white only)
- Helps to define space in an open/exposed plenum concept; coordinates with other interior finishes
- Provides a structure to hang signage, lights, create transitions for speakers and HVAC
- 10-year limited warranty

Typical Applications

- Retail
- Hospitality
- Theaters

** U.S. and Foreign Patents 6,138,416; 6,523,313; 6,763,642; 5,979,055

Product Description

Materials

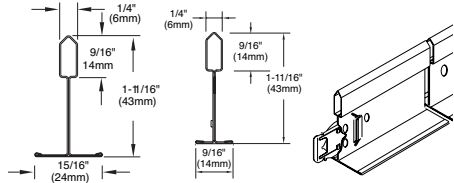
A. General:

ASTM C 635 (Heavy-duty) main beam classification, commercial-quality hot dipped galvanized steel.
Exposed surfaces chemically cleansed.

B. Components:

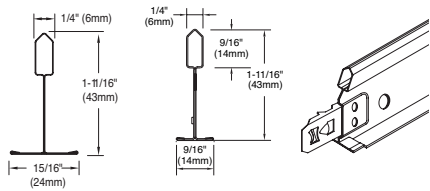
1. **Main Beams:** Double-web construction, web height 1-11/16" with peaked roof top bulb and 15/16" bottom flange with prefinished hot dipped galvanized steel.

- 7501 (144", routs 24" OC, Heavy-duty)
- 56418 (144", routs 24" OC, Heavy-duty)
- 730136 (144", routs 24" OC, Heavy-duty)
- Other _____



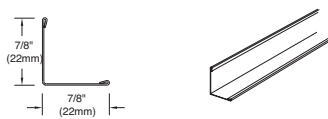
2. **Cross Tee:** Double-web construction, web height 1-11/16" with peaked roof top bulb and 15/16" bottom flange with prefinished hot dipped galvanized cap and override at each end. Staked-on end detail allows easy cross tee removal and remounting.

- 56421 (48", center routed only)
- XL734036 (center rout only)
- 56419 (24")
- XL732036 (24")
- LX7540M (48", center routed only)
- XL7520M (24")
- Other _____



3. **Wall Moldings:** Hemmed (angle molding) with prefinished exposed flanges.

- 7800 (144", angle molding, nominal 7/8" bottom flange)
- 780036 (144", angle molding, nominal 7/8" bottom flange)
- Other _____



4. **Accessory:**

- 360SP Powder coat touch-up paint

*NOTE: Items 730136, XL734036, XL732036 and 780036 available in black and white only, baked polyester paint. CLIPS ARE NOT PAINTED ON MAIN BEAMS OR CROSS TEES.

Physical Data

Material

Hot dipped galvanized steel

Surface Finish

2.0 mil powder-coated painted surface or baked polyester paint

Face Dimension

15/16" or 9/16"

Profile

Exposed tee

Cross Tee/Main Beam Interface

Override

End Detail

Main Beam: Staked-on clip

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'
56418/ 730136	144"	1-11/16"	Heavy-duty	16.5	8.73
7501	144"	1-11/16"	Heavy-duty	16.86	10.62

Cross Tee Load Test Data

CROSS TEE	LENGTH	WEB HEIGHT	HANGER SPACING
			Lbs./LF. (Simple Span)**
XL7540M	48"	1-11/16"	4' 10.35
56421/ XL734036	48"	1-11/16"	12.25
56419/ XL732036	24"	1-11/16"	59.78
XL7520M	24"	1-11/16"	51.83

Seismic Performance

MAIN BEAMS	MINIMUM LBS. TO PULL OUT COMPRESSION/TENSION
56418/730136	330.0

CROSS TEES	MINIMUM LBS. TO PULL OUT COMPRESSION/TENSION
All XL cross tees exceed 300 lbs. in compression/tension	

Note: Items 56418, 56421 and 56419 are the same as items 7301, XL7340 and XL7320 respectively for seismic performance.

ICBO 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.

Color Selection

Due to printing limitations, shade may vary from actual product.
For actual color selection, request samples of specific colors.

RAL 1000	RAL 1001*	RAL 1002	RAL 1003	RAL 1004	RAL 1005	RAL 1006	RAL 1007*	RAL 1011	RAL 1012	RAL 1013*
RAL 1014	RAL 1015*	RAL 1016	RAL 1017	RAL 1018	RAL 1019*	RAL 1020	RAL 1021*	RAL 1024	RAL 1027	RAL 1028
RAL 1032	RAL 1033	RAL 1034	RAL 1037	RAL 2000*	RAL 2001	RAL 2002*	RAL 2003	RAL 2004*	RAL 2008	RAL 2010
RAL 2011	RAL 2012	RAL 3000*	RAL 3001	RAL 3002*	RAL 3003	RAL 3004	RAL 3005	RAL 3007	RAL 3009	RAL 3011
RAL 3012	RAL 3013	RAL 3014	RAL 3015	RAL 3016	RAL 3017	RAL 3018	RAL 3022	RAL 3027	RAL 3031	RAL 4001
RAL 4002	RAL 4003	RAL 4004	RAL 4005	RAL 4007	RAL 4008	RAL 4009	RAL 4010	RAL 5000	RAL 5001	RAL 5002
RAL 5003*	RAL 5004	RAL 5005	RAL 5007	RAL 5008	RAL 5009*	RAL 5010*	RAL 5011	RAL 5012*	RAL 5013	RAL 5014
RAL 5015*	RAL 5018	RAL 5019	RAL 5020	RAL 5021	RAL 5022	RAL 5023	RAL 5024	RAL 6000	RAL 6001	RAL 6002
RAL 6003	RAL 6004	RAL 6005	RAL 6006	RAL 6007	RAL 6008	RAL 6009	RAL 6010	RAL 6011*	RAL 6012	RAL 6013
RAL 6014	RAL 6015	RAL 6016	RAL 6017	RAL 6018	RAL 6019	RAL 6020	RAL 6021	RAL 6022	RAL 6025	RAL 6026
RAL 6027	RAL 6028	RAL 6029	RAL 6032	RAL 6033	RAL 6034	RAL 7000	RAL 7001*	RAL 7002	RAL 7003	RAL 7004
RAL 7005	RAL 7006	RAL 7008	RAL 7009	RAL 7010	RAL 7011	RAL 7012*	RAL 7013	RAL 7015	RAL 7016*	RAL 7021*
RAL 7022	RAL 7023	RAL 7024	RAL 7026	RAL 7030*	RAL 7031*	RAL 7032*	RAL 7033	RAL 7034	RAL 7035*	RAL 7036
RAL 7037	RAL 7038*	RAL 7039	RAL 7040*	RAL 7044*	RAL 8000	RAL 8001	RAL 8002	RAL 8003	RAL 8004	RAL 8007
RAL 8008	RAL 8011	RAL 8012	RAL 8014*	RAL 8015	RAL 8016	RAL 8017	RAL 8019*	RAL 8022	RAL 8023	RAL 8024
RAL 8025	RAL 8028	RAL 9001*	RAL 9002*	RAL 9003*	RAL 9004	RAL 9005*	RAL 9010*	RAL 9011*	RAL 9018*	RAL 1023
RAL 2009	RAL 3020	RAL 4006	RAL 5017	RAL 6024	RAL 7042	RAL 7043	RAL 7045	RAL 7046	RAL 7047	RAL 9016*

* These items also available in matte finish as special order.



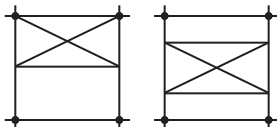
RAL 9017

360° Painted Grid System

Maximum Fixture Weight

A. Main Beam to Main Beam

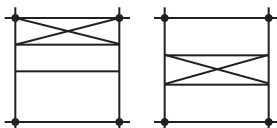
Main Beam ↑
Hanger Wire (•)



1. Fixture*
2. Planning Module
3. Hanger Spacing
4. Item 56418

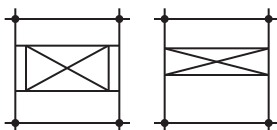
24" x 48"
48" x 48"
48"
70.28 lbs.

24" x 48"
48" x 48"
48"
50.0 lbs.



12" x 48"
48" x 48"
48"
86.34 lbs.

12" x 48"
48" x 48"
48"
42.84 lbs.

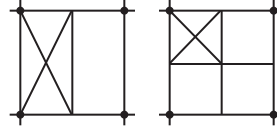


24" x 48"
60" x 60"
48"
45.39 lbs.

20" x 60"
60" x 60"
48"
45.89 lbs.

B. Cross Tee to Cross Tee

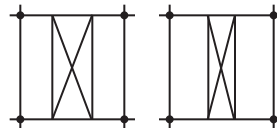
Main Beams ↑
Hanger Wire (•)



1. Fixture*
2. Planning Module
3. Hanger Spacing
4. Item 56421

24" x 48"
48" x 48"
48"
69.5 lbs.

24" x 24"
48" x 48"
48"
57.5 lbs.



24" x 48"
48" x 48"
48"
49.9 lbs.

12" x 48"
48" x 48"
48"
42.3 lbs.

*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./sq. ft., maximum deflection of tees not to exceed 1/360 of the span, and suspension system installed in accordance with ASTM C 636.

CEILING SYSTEMS

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Monday through Friday
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email: techline@armstrong.com
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Express service or regular delivery
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- Submittal pages
- Specification writing tool
- CAD details