Rockfon®

Part of ROCKWOOL Group

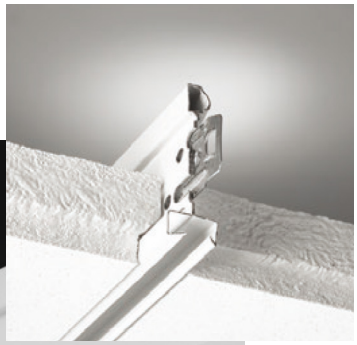
Chicago Metallic® 4500 Ultraline™ 9/16"
Chicago Metallic® 4550 Ultraline™ Fire-Rated 9/16"

Features and Benefits

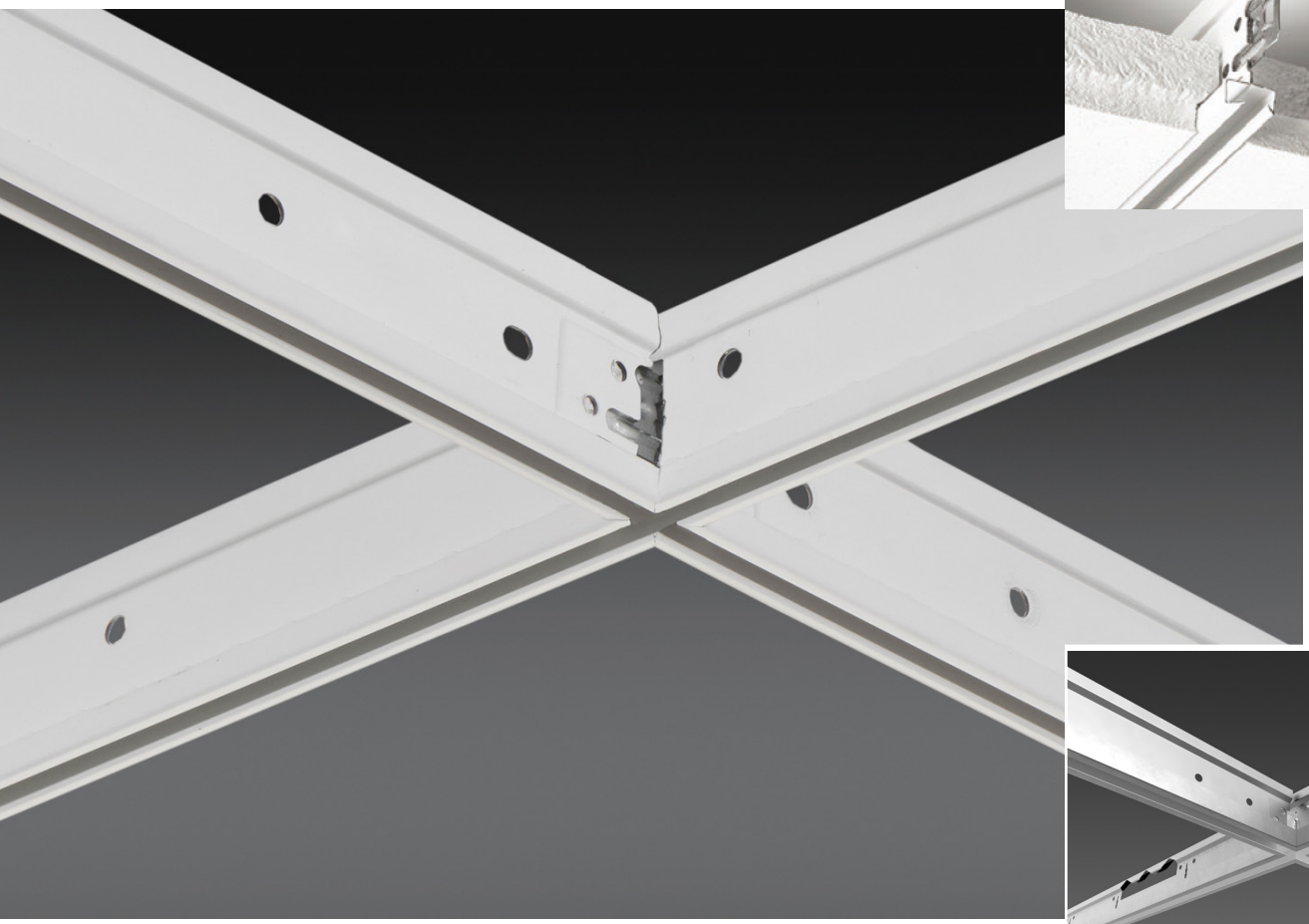
- 9/16" narrow face bolt slot suspension system with 1/4" reveal
- Suspension system is available as Heavy Duty, or Intermediate Duty, with stab-end cross tees
- Suitable for Seismic Design Categories A-F
- Included in ICC-ES Evaluation Report (ESR-2631)
- Fire-rated grid components are designed with expansion reliefs, making it suitable for fire-rated ceiling assemblies
- Suspension system available in (4500) non-fire rated, (4550) fire-rated, and in (4500HRC) high recycled content
- Chicago Metallic suspension systems meet Class-A flame spread rating in accordance with ASTM standard E84
- Select products are compliant with the Build America, Buy America Act (BABA) and Build America Act (BAA)

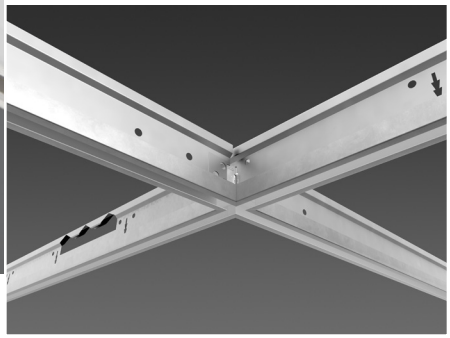
Applications

- Lobbies
- Airports
- Conference Rooms
- High End Applications



Acoustical Ceiling Suspension System





Chicago Metallic® 4550 Ultraline™ Fire-Rated 9/16"

Chicago Metallic® 4500 Ultraline™ 9/16"

Chicago Metallic® 4550 Ultraline™ Fire-Rated 9/16"

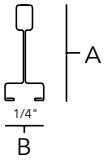
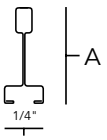
Chicago Metallic® 4500 Ultraline™ 9/16 and Chicago Metallic® 4550 Ultraline™ Fire-Rated 9/16
Sustainability Certifications and Documentation



Performance Properties:

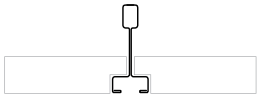
Base Material	Commercial Quality Painted Galvanized Steel
End Details	**Main Runners:** Non-Directional Bayonet Coupling **Cross Tees:** Stab-End
Structural Classification	Intermediate and Heavy Duty per ASTM C635
Flame Spread Rating	Class A per ASTM E84
Warranty	40-Year Suspension System Warranty
Recycled Content	Steel 30%, HRC Products 65%

Main Runners/Cross Tees

Detail	Product Number	Length x Height (A) x Face (B)	Slotting	Notches	Structural Classification (ASTM C635)	Fire-Rated	Seismic	Packaging			Palletization	
								Pcs/ Ctn	LF/Ctn	Lbs/ Ctn	Ctn/Pallet	Lbs/Pallet
Main Runners												
	**4500.01**	144" x 1-3/4" x 9/16"	12" OC	24" OC	ID	-	A-C	20	240	60	24	1440
	4501.01	120" x 1-3/4" x 9/16"	15" OC	30" OC	ID	-	A-C	20	200	51	24	1224
	4502.01	120" x 1-3/4" x 9/16"	10" OC	20" OC	ID	-	A-C	20	200	51	24	1224
	4503.01	120" x 1-3/4" x 9/16"	12" OC	24" OC	ID	-	A-C	20	200	51	24	1224
	4530.01	144" x 1-3/4" x 9/16"	12" OC	24" OC	HD	-	A-F	20	240	73	24	1752
	4530.01HRC	144" x 1-3/4" x 9/16"	12" OC	24" OC	HD	-	A-F	20	240	73	24	1752
	4531.01	120" x 1-3/4" x 9/16"	15" OC	30" OC	HD	-	A-F	20	200	66	24	1584
	4540.01	144" x 1-3/4" x 9/16"	12" OC	48" OC	ID	-	A-C	20	240	60	Palletized to Order	Palletized to Order
	4550.01	144" x 1-3/4" x 9/16"	12" OC	24" OC	ID	✓	A-C	20	240	79	24	1896
	4560.01	144" x 1-3/4" x 9/16"	12" OC	No Notches	HD	-	A-F	20	240	79	24	1896
Cross Tees												
	**4511.01**	12" x 1-3/4" x 9/16"	No Slots	No Notches	-	-	A-F	80	80	20	50	1000
	4520.01	20" x 1-3/4" x 9/16"	No Slots	No Notches	-	-	A-F	70	116	29	50	1450
	4512.01	24" x 1-3/4" x 9/16"	No Slots	No Notches	-	-	A-F	70	140	36	50	1800
	4562.01	24" x 1-3/4" x 9/16"	No Slots	No Notches	-	✓	A-F	70	140	35	Palletized to Order	Palletized to Order
	4512.01HRC	24" x 1-3/4" x 9/16"	No Slots	No Notches	-	-	A-F	70	140	35	50	1750
	4513.01	30" x 1-3/4" x 9/16"	No Slots	No Notches	-	-	A-F	40	100	26	Palletized to Order	Palletized to Order
	4524.01	48" x 1-3/4" x 9/16"	No Slots	No Notches	-	-	A-F	40	160	41	42	1722
	4514.01	48" x 1-3/4" x 9/16"	Slot at Midpoint	Notch at Midpoint	-	-	A-F	40	160	41	42	1722
	4518.01	48" x 1-3/4" x 9/16"	Slot at One Side	Notch at One Side	-	-	A-F	40	160	41	42	1722
	4564.01	48" x 1-3/4" x 9/16"	Slot at Midpoint	Notch at Midpoint	-	✓	A-F	40	160	41	Palletized to Order	Palletized to Order
	4568.01	48" x 1-3/4" x 9/16"	Slot at Midpoint	Notch at 24" One Side	-	✓	A-F	40	160	41	Palletized to Order	Palletized to Order
	4514.01HRC	48" x 1-3/4" x 9/16"	Slot at Midpoint	Notch at Midpoint	-	-	A-F	40	160	41	42	1722
	4515.01	60" x 1-3/4" x 9/16"	Slot at Midpoint	Notch at Midpoint	-	-	A-F	40	200	52	30	1560
	4519.01	60" x 1-3/4" x 9/16"	Slot at 30" One Side	Notch at 30" One Side	-	-	A-F	40	200	52	30	1560
	4521.01	60" x 1-3/4" x 9/16"	No Slots	No Notches	-	-	A-F	40	200	52	Palletized to Order	Palletized to Order
	4516.01*	72" x 1-3/4" x 9/16"	24" OC	No Notches	-	-	A-F	20	120	32	Palletized to Order	Palletized to Order
	4528.01*	96" x 1-3/4" x 9/16"	24" OC	No Notches	-	-	A-F	20	160	42	Palletized to Order	Palletized to Order

** For 6' and 8' Cross Tees, wires required at mid point for loads exceeding weight of Rockfon tile.*
Custom slotting available. Contact Rockfon Customer Service for details and service levels.
Bold *item numbers are compliant with the Build America, Buy America Act (BABA) and Build America Act (BAA)*

Compatible Tile Edge Type



SLN

Grid Colors

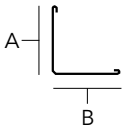
Standard Colors:



01 White | 08 Black | 44 Satin Silver

Perimeter Components

Wall Angles

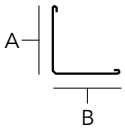




Product Number	Length, Height (A) x Face (B)	Packaging			Palletization	
		Pcs/Ctn	LF/Ctn	Lbs/Ctn	Ctn/Pallet	Lbs/Pallet
1420.01	144", 15/16" x 15/16"	42	504	74	30	2070
1420.01HRC	144", 15/16" x 15/16"	42	504	74	30	2070
21420.01	144", 15/16" x 15/16"	25	300	41	40	1640
1480.01	144", 9/16" x 15/16"	25	300	39	30	1170
1480.01HRC	144", 9/16" x 15/16"	25	300	39	30	1170
1467.01	144", 15/16" x 1-3/16"	20	240	40	40	1600
1430.01	144", 7/8" x 7/8"	30	360	52	40	1960
1425.01	144", 2" x 2"	20	240	82	28	2296
1428.01	144", 1" x 2"	20	240	54	40	2160

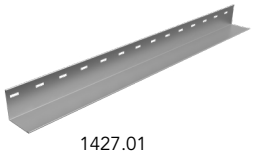
Bold *item numbers are compliant with the Build America, Buy America Act (BABA) and Build America Act (BAA).*

Specialty Wall Angles





1485.01

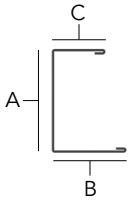


1427.01

Product Number	Length, Height (A) x Face (B)	Packaging			Palletization	
		Pcs/Ctn	LF/Ctn	Lbs/Ctn	Ctn/Pallet	Lbs/Pallet
1485.01	96", 1-1/8" x 7/8" Flexible Wall Angle (White)	63	504	29	Palletized to Order	Palletized to Order
1427.01	144", 15/16" x 15/16" Pre-punched Angle (White)	42	504	74	30	2070

Bold *item numbers are compliant with the Build America, Buy America Act (BABA) and Build America Act (BAA).*

Wall Channels

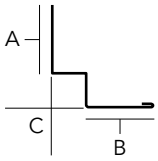




Product Number	Length, Height x Face x Top Flange (Length, A x B x C)	Packaging			Palletization	
		Pcs/ Ctn	LF/ Ctn	Lbs/ Ctn	Ctn/ Pallet	Lbs/ Pallet
1448.01	120", 1-9/16" x 15/16"x 3/4"	30	300	74	18	1330
1449.01	120", 1-15/16" x 15/16" x 15/16"	24	240	62	18	1307

Bold *item numbers are compliant with the Build America, Buy America Act (BABA) and Build America Act (BAA)*

Shadow Moldings

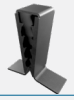
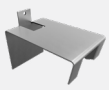


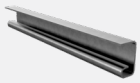
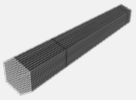


Product Number	Length, Height x Face x Reveal (Length, A x B x C x C)	Packaging			Palletization	
		Pcs/ Ctn	LF/ Ctn	Lbs/ Ctn	Ctn/ Pallet	Lbs/ Pallet
1468.01	120", 3/4" x 3/8" x 3/8" x 15/16"	40	400	76	28	2128
1460.01	120", 3/4"x 3/4"x 3/8" x 3/8"	40	400	64	32	2048
1461.01	120", 3/4" x 3/4" x 3/4" x 3/4"	40	400	90	28	2520
1464.905	120", 15/16"x 15/16" x 1/4" x 1/4"	40	400	63	28	1818
1469.01	120", 9/16" x 15/16" x 3/8" x 3/8"	40	400	77	Palletized to Order	Palletized to Order

Bold *item numbers are compliant with the Build America, Buy America Act (BABA) and Build America Act (BAA)*

Accessories

	Detail	Rockfon Part Number	Product Number	Product Description	Packaging	
					Pcs/ Ctn	Lbs/ Ctn
Seismic Clips		250374	1496.00	Seismic Perimeter Clip	100	10
		250372	1493.00	Unopposed Tee Clip	100	2
		250373	1494.00	Seismic Separation Clip	100	10
General Clips		250348	935.00	Universal Hold Down Clip	1000	16
		250343	820.00	Hold Down Clip for 5/8" Board	1000	7
		237949	490.00	Hold Down Clip for 0"- 3/4" Panels (Black)	100	2
		237952	491.00	Hold Down Clip for 3/4" - 1-1/4" Panels (Blue)	150	2
		237954	492.00	Hold Down Clip for 1-1/2" Panels (Grey)	100	2
		250324	426.01	Butterfly Retention Clip for 0" - 1'' Panels	200	15
		250325	427.01	Butterfly Retention Clip for 1" - 2'' Panels	150	15
		254302	88.00	Border Spring Clip	1000	17
		253183	479.00	90-degree Corner Clip	25	5
		251952	1499.00	Perimeter Grid Clip	100	4
Spacer Bars		294621	826.00H	2' Spacer Bar for rectangular bulb components	40	15
		294623	828.00H	4' Spacer Bar for rectangular bulb components	40	29
		294619	824.00H	4' Spacer bar notched 2'. For rectangular bulb components.	40	29

	Detail	Rockfon Part Number	Product Number	Product Description	Packaging	
					Pcs/ Ctn	Lbs/ Ctn
Notch Cover		320593	3599.01	4500 System Notch Cover	100	1
Corner Caps		Outside/Inside Corner Caps – Refer to Rockfon Grid and Tile Accessories Datasheet for options				
Hanger Wire		250590	96CTL144	Hanger Wire 12' x 12-Gauge	Bundle	50
Grid Paint		250350	940.01	12 oz. Grid Spray Can - White	1	1
		250351 & 250352	940.08 & 940.44	12 oz. Grid Spray Can - Black & Satin Silver	1	1
Tools		250349	937.00	Cross Tee Slotter	1	3

Performance

Main Runner Allowable Load Test Data Based on 1/360 Span Deflection (Lb/Ft*)

Main Runner	Length	Fire-Rated	Hanger Spacing		
			ASTM C635 - 4'	5'	6'
4501.01	120"	-	ID	7.7	4.6
4502.01	120"	-	ID	7.7	4.6
4503.01	120"	-	ID	7.7	4.6
4531.01	120"	-	HD	9.3	5.6
4500.01	144"	-	ID	7.7	4.6
4530.01	144"	-	HD	9.3	5.6
4540.01	144"	-	ID	7.7	4.6
4550.01	144"	✓	HD	9.3	5.6
4560.01	144"	-	HD	9.3	5.6
4530.01HRC	144"	-	HD	9.3	5.6

Hanger wire must be installed within 3" of fire break along Main Runner in fire-rated installations.

Cross Tee Allowable Load Test Data Based on 1/360 Span Deflection (Lb/Ft*)

Cross Tee	Length	Fire-Rated	Cross Tee Span				
			2'	4'	5'	6'	8'
4512.01	24"	-	55.0♦	-	-	-	-
4562.01	24"	✓	55.0♦	-	-	-	-
4512.01HRC	24"	-	55.0♦	-	-	-	-
4514.01	48"	-	-	14.6	-	-	-
4518.01	48"	-	-	14.6	-	-	-
4564.01	48"	✓	-	14.6	-	-	-
4568.01	48"	✓	-	14.6	-	-	-
4524.01	48"	-	-	13.1♦	-	-	-
4514.01HRC	48"	-	-	14.6	-	-	-
4515.01	60"	-	-	-	7.7	-	-
4519.01	60"	-	-	-	7.7♦	-	-
4521.01	60"	-	-	-	4.3	-	
4516.01	72"	-	-	-	-	13.1•	-
4528.01	96"	-	-	-	-		13.1•

* *To convert data into lb/ft², divide on center spacing of suspension component into lb/ft.*
♦ *Limited by safety factor of 2.*
• *Hanger wire support at midspan of 6' and 8' cross tee.*
Install systems in accordance with ASTM C636. Other requirements may apply.

Non-Fire-Rated Light Fixture Allowable Load Test Data Based on 1/360 Span Deflection (Lbs)

Light Fixtures	Allowable Fixture Weight - Lbs. Main Runners & Cross Tees				
Dimensions	4500.01 4514.01	4500.01 4524.01	4530.01 4514.01	4550.01 4564.01	4550.01 4568.01
2' x 2'	42.4	-	42.4	42.4	42.4
2' x 4'	58.4	58.4	58.4	58.4	58.4

Consult specific UL design for allowable lighting configurations.
Allowable fixture weight is based on single fixture in the field only.
For end-to-end, tandem or other configurations, contact Rockfon Technical Support.

UL® Fire-Rated Assemblies

Floor and Ceiling Designs - Type 4500
G264

Roof and Ceiling Designs - Type 4500
P254

Material

ASTM C635 Heavy Duty (HD) and Intermediate Duty (ID) main tee classifications; commercial quality painted galvanized steel, 9/16" wide with 1/4" center reveal, 1-3/4" height.

Note: A metallurgist should be consulted regarding the suitability of this product for the environmental conditions in which it is being installed.

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