

Rockfon® Magna T-Cell™

Open Cell Ceiling System

Products

- 2" deep cells with 9/16" face
- Installs with matching 9/16" t-bar grid
- Wide range of standard and special order cell sizes
- Conveys intimacy of lowered ceiling while maintaining openness
- Metal contains no organic compounds to support microbial growth

Applications

- Shopping centers
- Airports
- Passenger terminals
- Convention centers
- Casinos



Project – Fort Snelling National Guard Dining Hall in Cushing, St. Paul, MN
Product – Rockfon® Magna T-Cell™

Rockfon® Magna T-Cell™

Open Cell Ceiling System

LEED® v4.1 Highlights

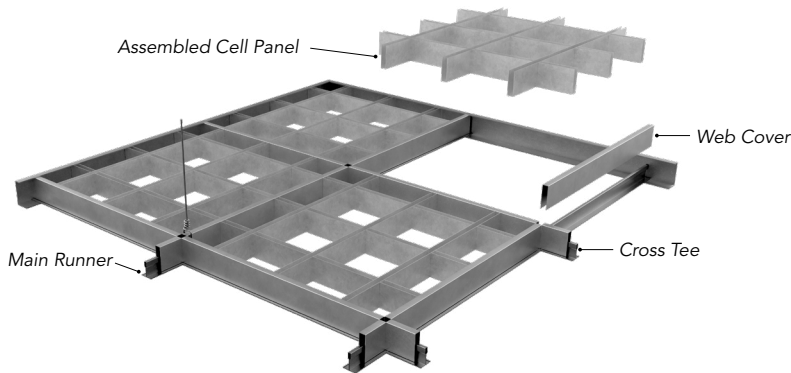
Materials and Resources (MR)

- Waste Management Planning ✓
- Interiors Life Cycle Impact Reduction ✓
- Environmental Product Declarations ✓
- Sourcing of Raw Materials ✓
- Material Ingredients ✓
- Waste Management ✓

Indoor Environmental Quality (EQ)

- Low-Emitting Materials ✓
- Interior Lighting ✓
- Acoustic Performance ✓

Recycled Content 30%



Steel Magna T-Cell™ Panels



Detail	Description	Panel Size	Material	Open Area %	Fire Class	Low VOC	Recycled Content
 Magna T-Cell Panels Family #252587	3" x 3" Open Cell Panel	2' x 2'	Steel	67%	A	Yes	30%
	4" x 4" Open Cell Panel	2' x 2'	Steel	76%	A	Yes	30%
		2' x 4'	Steel	76%	A	Yes	30%
	6" x 6" Open Cell Panel	2' x 2'	Steel	86%	A	Yes	30%
		2' x 4'	Steel	86%	A	Yes	30%
	8" x 8" Open Cell Panel	2' x 2'	Steel	90%	A	Yes	30%
2' x 4'		Steel	90%	A	Yes	30%	
12" x 12" Open Cell Panel	4' x 4'	Steel	93%	A	Yes	30%	

Product Code Example:

252587MAGA:MTAP:24X48:6X6:ST:44

Family Number & Name:
252587 Magna T-Cell

Size/Cell:
2' x 4', 6" x 6"

Material:
Steel

252587MAGA **MTAP:** **24X48:6X6:** **ST:** **44**

Type: Panels

Color:
Satin Silver

Steel panels are available in a wide variety of painted finishes.

Woodscenes® wood look finishes are available on steel panels, web covers, and grid.

Special cell sizes available: 3" x 6", 3" x 12", 4" x 8", 4" x 12", 6" x 12".

Rockfon® Magna T-Cell™

Open Cell Ceiling System

LEED® v4.1 Highlights

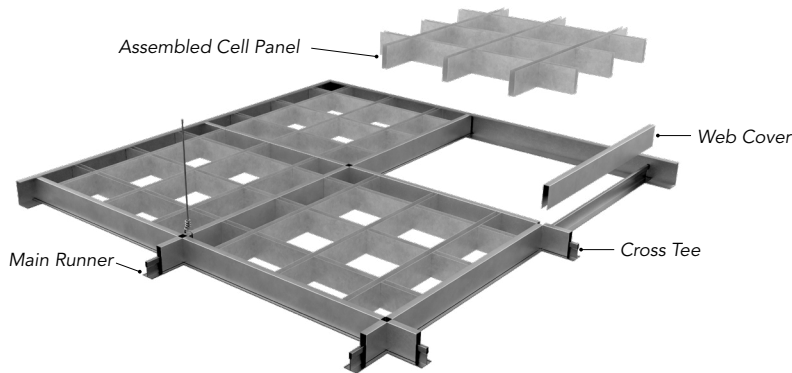
Materials and Resources (MR)

- Waste Management Planning ✓
- Interiors Life Cycle Impact Reduction ✓
- Environmental Product Declarations ✓
- Sourcing of Raw Materials ✓
- Material Ingredients ✓
- Waste Management ✓

Indoor Environmental Quality (EQ)

- Low-Emitting Materials ✓
- Interior Lighting ✓
- Acoustic Performance ✓

Recycled Content 30%



Aluminum Magna T-Cell™ Panels



Detail	Description	Panel Size	Material	Open Area %	Fire Class	Low VOC	Recycled Content
 Magna T-Cell Panels Family #252587	3" x 3" Open Cell Panel	2' x 2'	Aluminum	67%	A	Yes	85%*
	4" x 4" Open Cell Panel	2' x 2'	Aluminum	76%	A	Yes	85%*
		2' x 4'	Aluminum	76%	A	Yes	85%*
	6" x 6" Open Cell Panel	2' x 2'	Aluminum	86%	A	Yes	85%*
		2' x 4'	Aluminum	86%	A	Yes	85%*
	8" x 8" Open Cell Panel	2' x 2'	Aluminum	90%	A	Yes	85%*
2' x 4'		Aluminum	90%	A	Yes	85%*	
12" x 12" Open Cell Panel	4' x 4'	Aluminum	93%	A	Yes	85%*	

Product Code Example:

252587MAGA:MTAP:24X48:6X6:AL:14

Family Number & Name:
252587 Magna T-Cell

Size/Cell:
2' x 4', 6" x 6"

Material:
Aluminum

252587MAGA **MTAP:** **24X48:6X6:** **AL:** **14**

Type: Panels

Color:
Chromecoat

*Aluminum cell panels and web covers will have a recycled content of 85%; suspension has a recycled content of 30%.

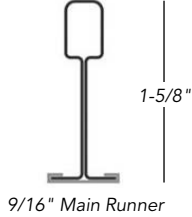
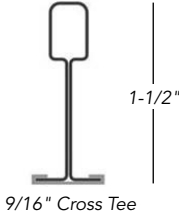
Special cell sizes available: 3" x 6", 3" x 12", 4" x 8", 4" x 12", 6" x 12".

Available in 14 Chromecoat and 16 Brasscoat only.

Rockfon® Magna T-Cell™

Open Cell Ceiling System

9/16" Suspension System

Detail	Description	Catalog Number	Duty Rating	Length	Height	Slotting	Recycled Content
Main Runners							
 <p>9/16" Main Runner</p>	9/16" HD Main Runner	10.04.040.xxxCH	Heavy Duty	12'	1-5/8"	6" OC	30%
	9/16" ID Main Runner	10.04.000.xxxCH	Intermediate Duty	12'	1-1/2"	6" OC	30%
Cross Tees							
 <p>9/16" Cross Tee</p>	9/16" Cross Tee 4'	10.04.014.xxxCH	N/A	4'	1-1/2"	12" OC	30%
	9/16" Cross Tee 2'	10.04.022.xxxCH	N/A	2'	1-1/2"	No slots	30%

Component Load Test Data				
Allowable Load* Simple Span - lb/ft				
Hanger Spacing Main Runner	Length	ASTM C-635 4'	5'	6'
10.04.000.xxxCH	12'	Intermediate Duty	6.4	3.8
10.04.040.xxxCH	12'	Heavy Duty	8.8	5.3
Cross Tee	Length	2'	4'	
10.04.022.xxxCH	2'	24.5 [^]	N/A	N/A
10.04.014.xxxCH	4'	N/A	12.9	N/A

*To convert data into lb/sft, divide on center spacing of component into lb/ft.

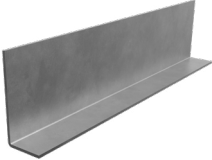

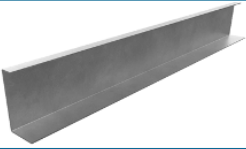
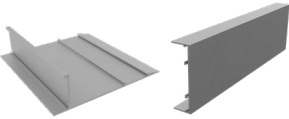
[^]Limited by safety factor of 2.

Light Fixtures		
Main & Cross Tees – Allowable Fixture Weight		
Dimensions	10.04.040.xxxCH 10.04.014.xxxCH	10.04.000.xxxCH 10.04.014.xxxCH
2' x 2'	38.8	38.8
2' x 4'	49.6	49.6



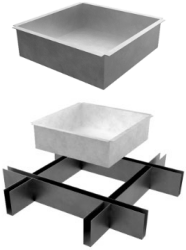
Rockfon® Magna T-Cell™

Open Cell Ceiling System

Perimeter Components

Details	Description	Catalog Number	Flange Dimensions	Length	UOM	Carton Quantity
	1" x 2" x 12' Wall Angle painted 360 degrees	C3228.xxY	1" x 2"	144"	PC	As needed
	15/16" x 3/4" Wall Angle finished outside only	38.90.124.xxx	15/16" x 3/4"	144"	CTN	300 LFT 25 pieces
	Perimeter Edge Cap for floating ceilings - Steel	252591	3/8" x 2-1/16"	120"	PC	As needed
	Perimeter Edge Cap for floating ceilings – Aluminum	252591	3/8" x 2-1/16"	120"	PC	As needed
	Infinity™ Perimeter Trim Various Sizes*	252565 (Straight)	Varies	144"	PC	As needed
		252566 (Curved)				

Accessories

Detail	Description	Catalog Number	Height	Length	UOM
	2' Web cover with hanger hole	38.40.907.xxx	2"	24"	PC
	4' Web cover with hanger hole	38.40.909.xxx	2"	48"	PC
	2' Web cover - no hole	38.40.908.xxx	2"	24"	PC
	4' Web cover - no hole	38.40.910.xxx	2"	48"	PC
	Infill Panel - various sizes* Used to frame fixture openings Installed in single cell	252590	2"	Varies	PC

*Specify light fixture hole size when ordering.

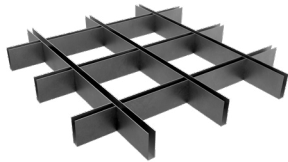
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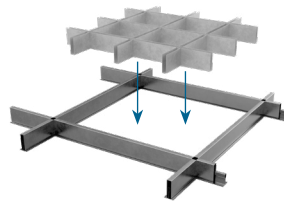
Installation Details



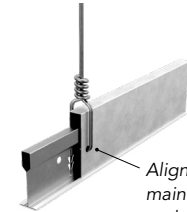
Web Cover Over Grid



Assembled Panel



Panels Install In 9/16" Grid with Web Covers



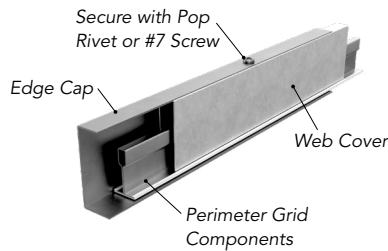
Web Cover Installation at Hanger Locations

Align holes on main runners and web covers



Web Covers Slip Over Grid Components

Web Cover Installation



Secure with Pop Rivet or #7 Screw

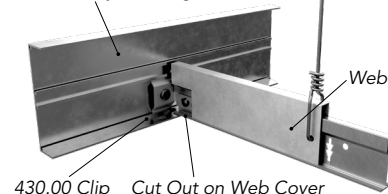
Edge Cap

Web Cover

Perimeter Grid Components

Edge Cap Installation at Perimeter

Paint Infinity 360 Degrees



430.00 Clip

Cut Out on Web Cover For 430.00 Clip Installation

Web Cover

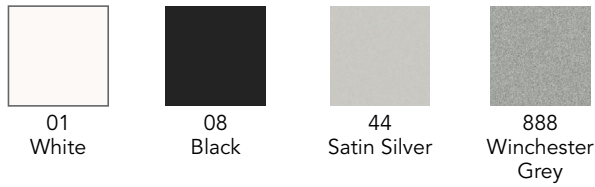
Perimeter Installation with Infinity™ Trim

Physical Data	
Type	Open Cell
Material	Painted Galvanized Steel or Reflective Anodized Aluminum
Size	Cell Spacing 3", 4", 6", 8", 12" Depth: 2", blade width 9/16"
Fire	Class A per ASTM E84
Performance	Use for Interior Spaces
Suspension	9/16" Face Grid Suspension
Warranty	1 Year Limited
Sustainability	Steel: 30% recycled; Aluminum 85%

Material
<p>Suspension: ASTM C635 HD/ID main tee classifications; commercial quality steel, hot-dip galvanized body with (galvanized) (aluminum) cap, 9/16" width</p> <p>Panels: .010 galvanized steel .024 aluminum (anodized, reflective)</p>

Magna T-Cell™ Open Cell System Color Chart

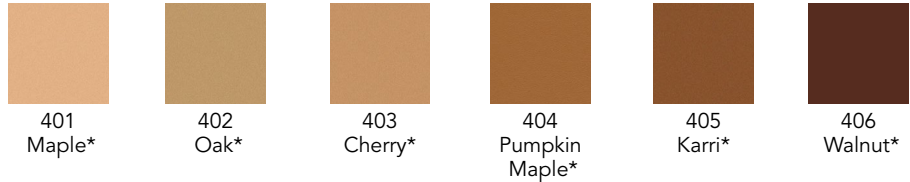
Standard Colors:



Premium Colors:



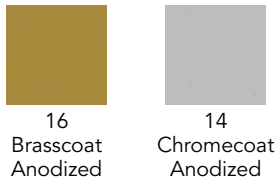
Metalwood® Coordinating Painted Finishes*:



Woodscenes® Painted Finishes†:



Metallic Colors:



* Coordinating solid color to match Metalwood Woodgrain Finishes.

† Woodscenes Woodgrain Painted Finishes are a decorative powder coat finish that replicate real wood; variations in color and pattern will occur.

Colors shown are reproduced as close as possible to actual product color within the limitations of printing technology. Color chips are available upon request and should be reviewed before making a final selection. Variations in color matches of system components to ceiling panels can result from slight differences in texture, room lighting, painting process and subjectivity of observers.



Rockfon® Magna T-Cell™ Open Cell Ceiling System Properties

Material

Galvanized Steel or Anodized Aluminum



Fire Performance

Surface burning characteristics:
UL723 (ASTM E84) Flame Spread Index: 0
Smoke Developed Index (UL Labeled): 0



Environment

Recycled content 30% steel
Aluminum 85%



Warranty

1-Year Limited Product Warranty
See rockfon.com



Hygiene

Metal provides no sustenance
to microorganisms



Cleaning

Damp cloth

102122

Rockfon

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