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™

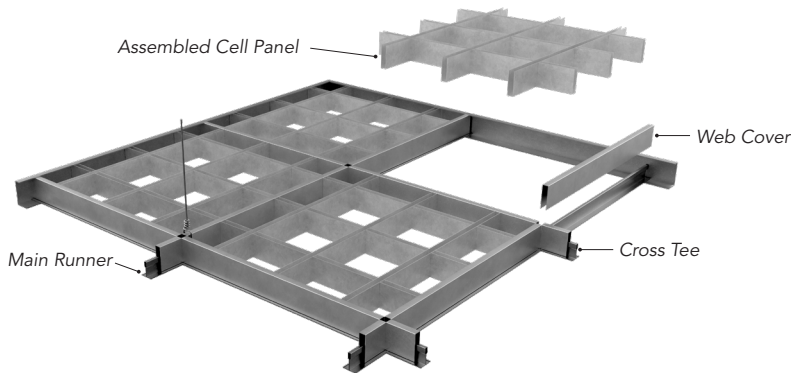# Rockfon® Magna T-Cell™ Open Cell Ceiling System

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: Steel 30%

Assembled Cell Panel

Web Cover

Main Runner

Cross Tee

Steel Magna T-Cell™ Panels

Detail	Description	Panel Size	Material	Open Area %	Fire Class	Low VOC	Recycled Content
Magna T-Cell Panels	3" x 3" Open Cell Panel	2' x 2'	Steel	67%	A	✔	30%
	4" x 4" Open Cell Panel	2' x 2'	Steel	76%	A	✔	30%
		2' x 4'	Steel	76%	A	✔	30%
	6" x 6" Open Cell Panel	2' x 2'	Steel	86%	A	✔	30%
		2' x 4'	Steel	86%	A	✔	30%
Family #252587	8" x 8" Open Cell Panel	2' x 2'	Steel	90%	A	✔	30%
		2' x 4'	Steel	90%	A	✔	30%
	12" x 12" Open Cell Panel	4' x 4'	Steel	93%	A	✔	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.
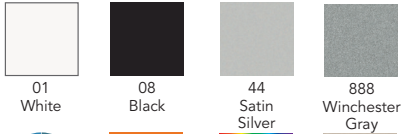
Woodscenes® wood look finishes are available on steel panels, web covers, and grid.

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

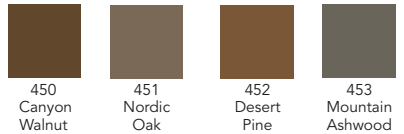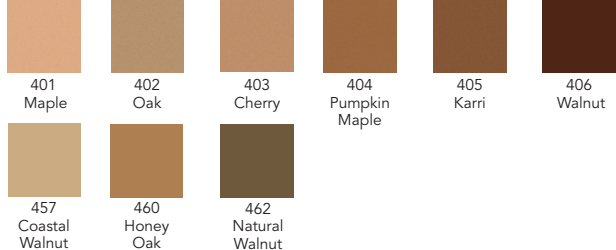# Rockfon® Magna T-Cell™ Open Cell Ceiling System
Color Chart

Standard Colors

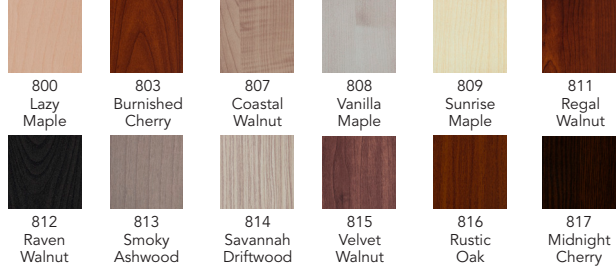| 01 White | 08 Black | 44 Satin Silver | 888 Winchester Gray |

Other Painted Colors

| Color-All | RAL Colors | Custom Colors | 795 Champagne Metallic | 796 Beige Metallic | 797 Iron Glimmer Metallic | 798 Copper Metallic |

Woodlands™ Solid Coordinating Colors

| 450 Canyon Walnut | 451 Nordic Oak | 452 Desert Pine | 453 Mountain Ashwood |

Metalwood® Solid Coordinating Colors

| 401 Maple | 402 Oak | 403 Cherry | 404 Pumpkin Maple | 405 Karri | 406 Walnut |
| 457 Coastal Walnut | 460 Honey Oak | 462 Natural Walnut |

Woodscenes® Finishes

| 800 Lazy Maple | 803 Burnished Cherry | 807 Coastal Walnut | 808 Vanilla Maple | 809 Sunrise Maple | 811 Regal Walnut |
| 812 Raven Walnut | 813 Smoky Ashwood | 814 Savannah Driftwood | 815 Velvet Walnut | 816 Rustic Oak | 817 Midnight Cherry |

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.
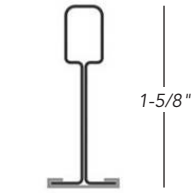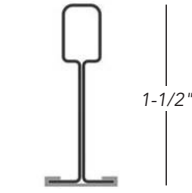
As stated in CISCA's "Metal Ceilings Technical Guidelines," site conditions can impact installed visual appearance of metal ceilings. Usage of high gloss and metallic finishes in areas of critical lighting may alter final appearance and should be considered for finish selection.

Rockfon® Magna T-Cell™ Open Cell Ceiling System

Open Cell Ceiling System

9/16" Suspension System

Detail	Description	Catalog Number	Duty Rating	Length	Height	Slotting	Recycled Content
Main Runners							
9/16" Main Runner	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							
9/16" Cross Tee	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

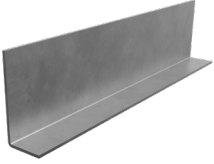*To convert data into lb/sft, divide on center spacing of component into lb/ft.
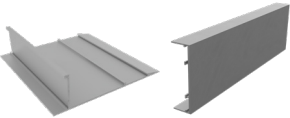
^Limited by safety factor of 2.

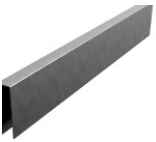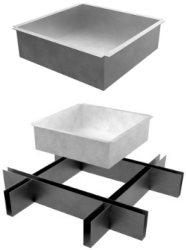| Light Fixtures Main & Cross Tees – Allowable Fixture Weight		
Dimensions	**10.04.040.xxxCH 10.04.014.xxxCH**	**10.04.000.xxxCH 10.04.014.xxxCH**
2' x 2'	38.8	38.8
2' x 4'	49.6	49.6

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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.
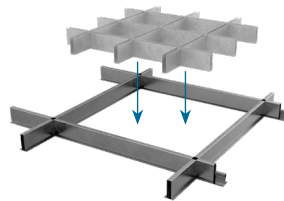
Rockfon® Magna T-Cell™ Open Cell Ceiling System
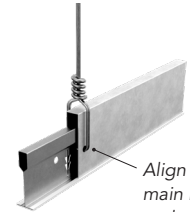
Installation Details

Web Cover Over Grid

Assembled Panel
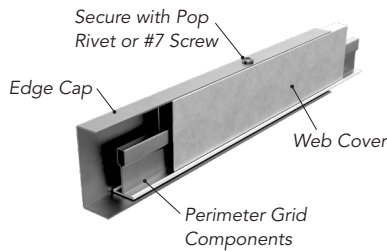
Panels Install In 9/16" Grid with Web Covers

Align holes on main runners and web covers
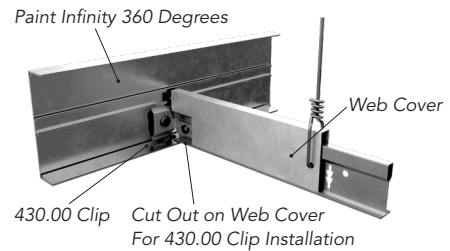
Web Cover Installation at Hanger Locations

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

Web Cover

430.00 Clip   *Cut Out on Web Cover For 430.00 Clip Installation*

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
Perfomance	Use for Interior Spaces
Suspension	9/16" Face Grid Suspension
Warranty	1 Year Limited
Sustainability	Steel: 30% recycled content

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

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

Material

Galvanized Steel

Fire Performance

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

Environment

Recycled content 30% steel

Warranty

1-Year Limited Product Warranty
See rockfon.com

Hygiene

Metal provides no sustenance
to microorganisms

Cleaning

✓ Damp cloth

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