

# Plank & Tile Ceiling Systems



**HunterDouglasContract**

CEILINGS





# A Unique Sense of Tile.

Plank and tile ceilings by Hunter Douglas offer the combination of style and functionality for which we are known worldwide. A complete range of panel and carrier systems includes large-scale planks; versatile hook-on, snap-in and lay-in tiles; and torsion-spring systems.

See product details and selected projects at [www.hunterdouglascontract.com/ceilings](http://www.hunterdouglascontract.com/ceilings)

#### *Cover*

Project: Austin City Hall  
Location: Austin, TX  
Architect: Antoine Predock and Cotera Kolar Negrete & Reed  
Product: Snap-In, custom color: Bronze


Project: Richard E. Lindner Center, University of Cincinnati  
Location: Cincinnati, OH  
Architect/Specifier: Bernard Tschumi; glaserworks; Eva Maddox  
Product: Plank Hook-On and Snap-In, custom silk screening design



CAPABILITIES	2
TORSION-SPRING	4
HOOK-ON	6
300C	8
LAY-IN	10
SNAP-IN	12
PERFORATIONS & COLORS	14
SUSTAINABILITY	16



# From Design to Delivery.



Forty years ago, Hunter Douglas pioneered the development of metal suspended ceiling systems. We've been hard at work ever since, creating new solutions to meet the evolving requirements of architects, designers, and construction professionals across Europe, North America, Asia and beyond.

Project: Dolphin Stadium  
Location: Miami, FL  
Architect: HOK Sport Venue Event  
Product: Torsion-Spring, custom color matched: Sleepy Blue



Project: Sears Centre  
Location: Hoffman Estates, IL  
Architect: Ryan Companies  
Product: 300C, finish: Cherry

Hunter Douglas backs its ceiling systems with a creative team of project managers and ceilings engineers, not to mention state-of-the-art manufacturing capabilities. Challenge us. No matter your vision, we can handle it – from initial design to final delivery.

Our decades of experience, advanced design capabilities, and automated processes allow us to develop to your specifications:

- Custom panel finishes, including custom color matches, simulated wood looks, and more
- Full range of sizes
- Curved carriers and panels with a variety of lengths and radii
- Create your own designs using our custom and skip perforation options
- Versatile trim applications, including a wide range of extruded and roll-formed options

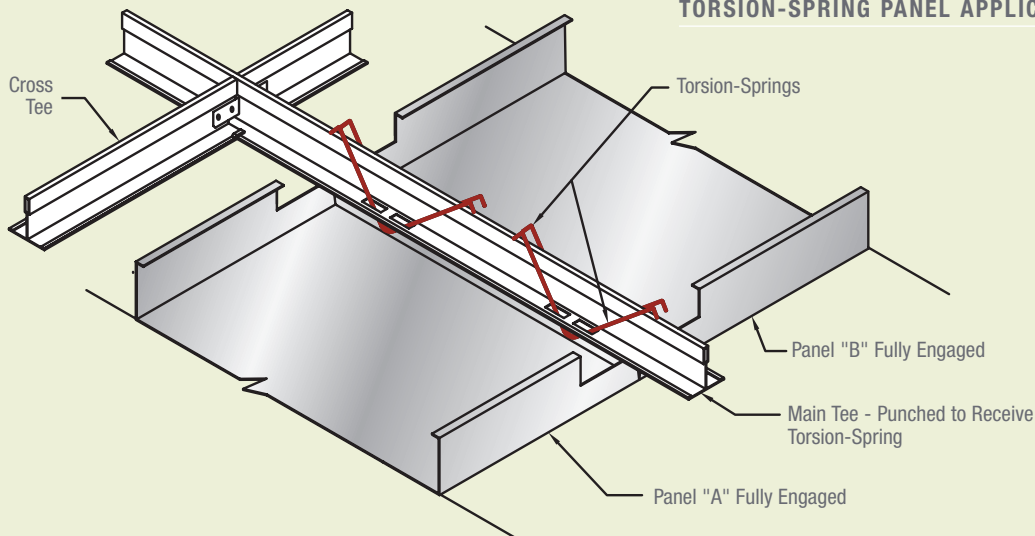
# Spring to It.

Torsion-Spring ceilings from Hunter Douglas allow easy and safe downward access for a wide variety of applications... from offices to stadiums and beyond. Our versatile carrier system allows the panel to swing down from the plenum, making Torsion-Spring a superb choice when panel removal can be challenging, such as in airports or other areas where ceilings are set high, or in arenas and convention centers, which may have significant foot traffic.

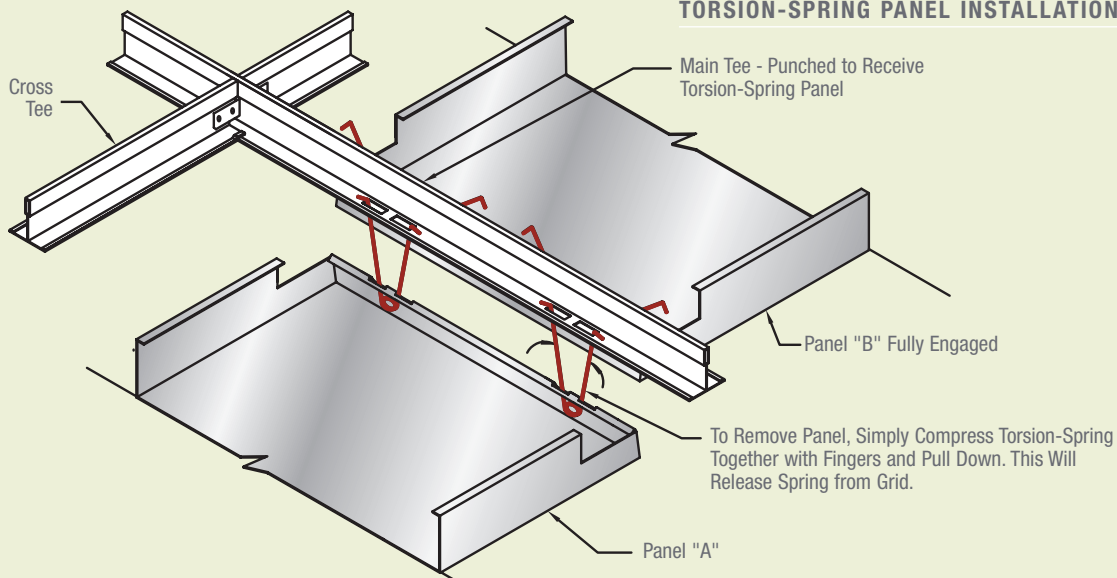
Project: Lumiere Casino by Pinnacle Entertainment  
Location: St. Louis, MO  
Architect: Marnell Architecture  
Product: Torsion-Spring, finish: Simulated Wood Laminate



## TORSION-SPRING PANEL APPLICATION



## TORSION-SPRING PANEL INSTALLATION / REMOVAL



Key features of Torsion-Spring:

- Swing-down feature allows random access/point accessibility to plenum. No special tools required
- Trim systems available with both roll-form and extruded options
- Contains from 70% to 95% recycled content
- Compatible with industry-standard fixtures and air diffusers
- Design flexibility with our custom and skip perforation options

For colors, finishes and perforation/acoustical options, see pages 14 and 15 or [www.hunterdouglascontract.com/ceilings](http://www.hunterdouglascontract.com/ceilings)

### STANDARD SIZES

Tile: 2' x 2', 2' x 4' and 30" x 30"

Plank: widths from 12" to 48"  
length 48", 60", 72" and 96"

(custom sizes available)

### STANDARD MATERIAL THICKNESSES

.032", .040" and .062" aluminum

(additional thicknesses available to your specifications to meet your engineering requirements)

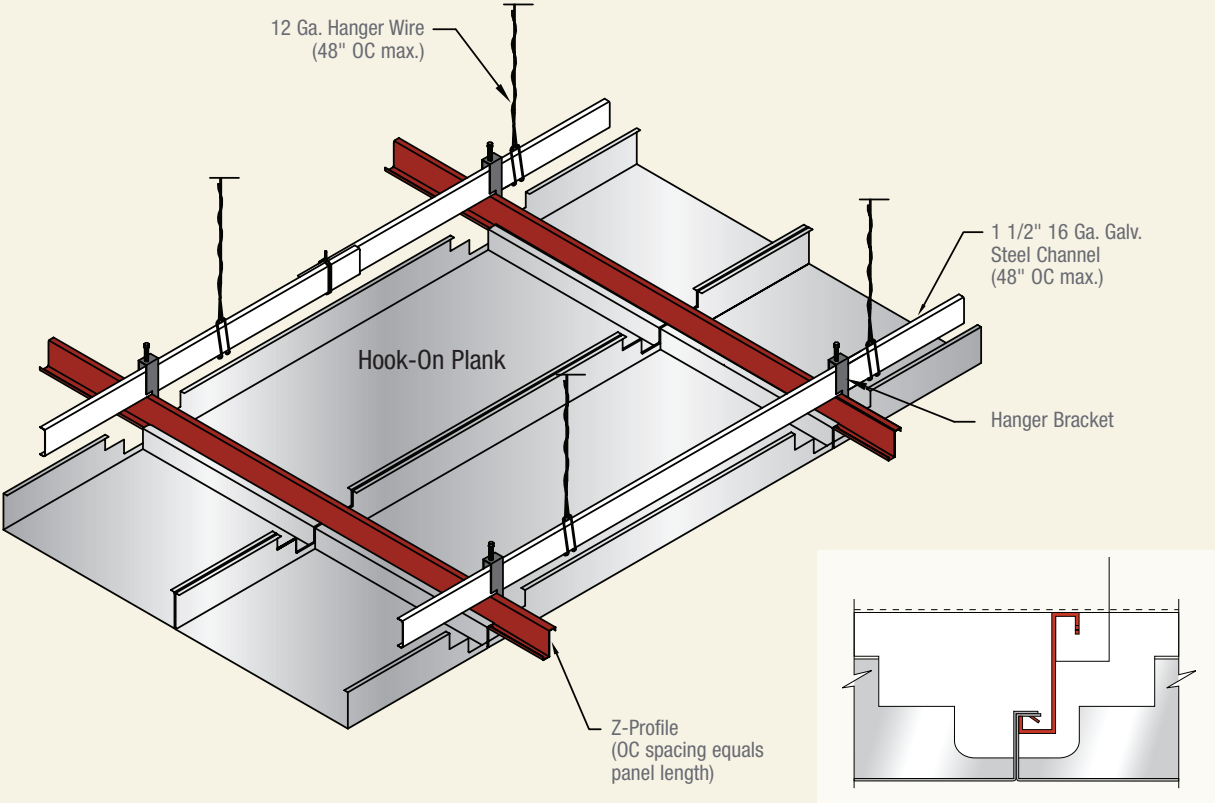
## Get Hooked.

We optimized our Hook-On panels for those who need the most adaptable and customizable metal ceiling available. Our variable carrier system allows architects to create nearly any design – without sacrificing performance or accessibility.

Project: Minneapolis Airport  
Location: Minneapolis, MN  
Architect: Architectural Alliance  
Product: Hook-On, skip perforation



**HOOK-ON PANEL**



**Key features of Hook-On:**

- Easy access to plenum. No special tools required
- Trim systems available with both roll-form and extruded options
- Contains from 70% to 95% recycled content
- Compatible with industry-standard fixtures and air diffusers
- Design flexibility with our custom and skip perforation options

For colors, finishes and perforation/acoustical options, see pages 14 and 15 or [www.hunterdouglascontract.com/ceilings](http://www.hunterdouglascontract.com/ceilings)

**STANDARD SIZES**

Width: 12" – 48"

Length: Up to 120"

**STANDARD MATERIAL THICKNESSES**

.032", .040" and .062" aluminum  
 (additional thicknesses available to your specifications to meet your engineering requirements)

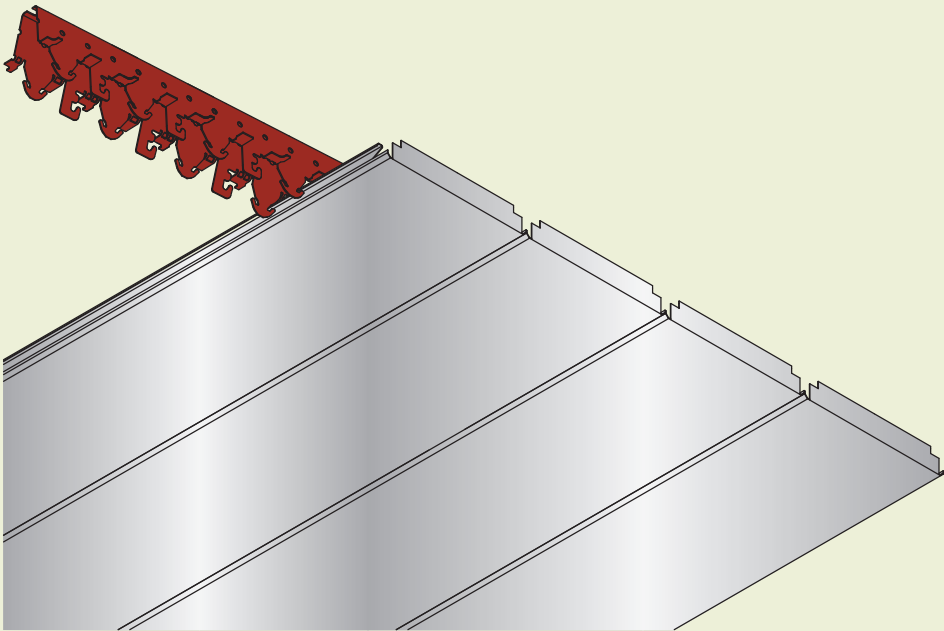
300C

# Impressive Size. Impressive Look.

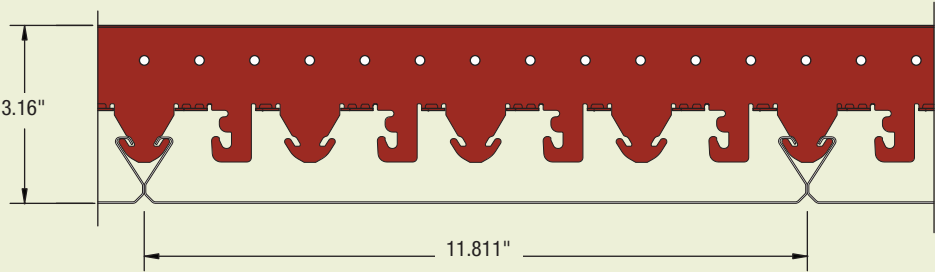
For designs that need to make a big impression, the long, uninterrupted panel lengths of our 300C system are the choice. With lengths up to 19' 8" and a width of 11.8", 300C planks require fewer seams and joints. Our concealed suspension system complements this clean appearance to create a sleek, monolithic look.



**300C PANEL**



**PANEL MODULE**



Key features of 300C:

- Simple & economical installation
- Unique design enables panels to span greater distance than traditional ceilings resulting in fewer carriers
- A concealed suspension system for a clean, monolithic ceiling appearance
- Allows random access/point accessibility to plenum. No special tools required
- Interior and exterior applications
- Trim systems available with both roll-form and extruded options
- Contains from 70% to 95% recycled content
- Compatible with industry-standard fixtures and air diffusers

**STANDARD SIZES**

---

Length: Up to 19' 8"

For colors, finishes and perforation/acoustical options, see pages 14 and 15 or [www.hunterdouglascontract.com/ceilings](http://www.hunterdouglascontract.com/ceilings)

LAY-IN

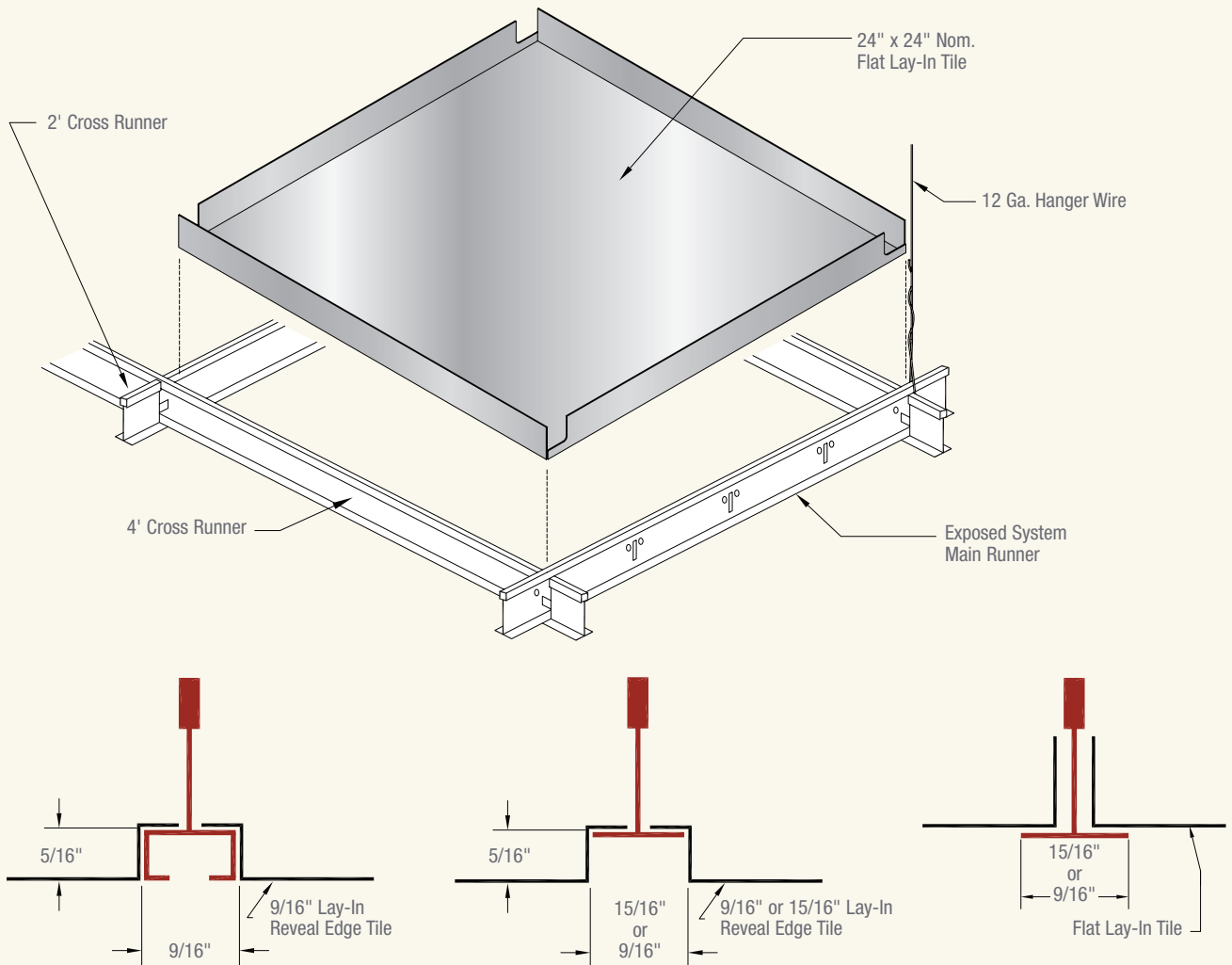
## Lay It Out.

Lay-In planks and tiles from Hunter Douglas are available in a wide range of sizes, flat or reveal edge details, all on standard grid options. Lay-In ceilings are a simple, economical way to add a metal ceiling to a project.

Project: Falagueira underground station  
Location: Amadora, Portugal  
Architect: Leopoldo Rosa  
Product: Lay-In



## LAY-IN PANEL



### Key features of Lay-In:

- Edge options: flat and reveal
- Easy access to plenum. No special tools required
- Trim systems available with both roll-form and extruded options
- Contains from 70% to 95% recycled content
- Compatible with industry-standard fixtures and air diffusers
- Design flexibility with our custom and skip perforation options

For colors, finishes and perforation/acoustical options, see pages 14 and 15 or [www.hunterdouglascontract.com/ceilings](http://www.hunterdouglascontract.com/ceilings)

### STANDARD SIZES

12" x 24"	20" x 60"	24" x 24"	30" x 30"
12" x 48"		24" x 48"	30" x 60"
12" x 60"		24" x 60"	
		24" x 72"	
		24" x 96"	
		24" x 120"	

### GRID OPTIONS

9/16" and 15/16"

### STANDARD MATERIAL THICKNESSES

.032", .040" and .062" aluminum  
(additional thicknesses available to your specifications to meet your engineering requirements)

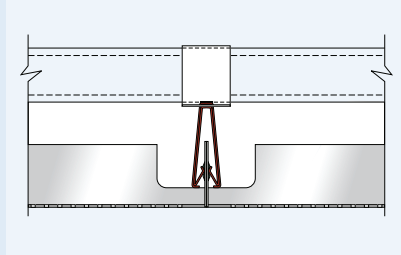
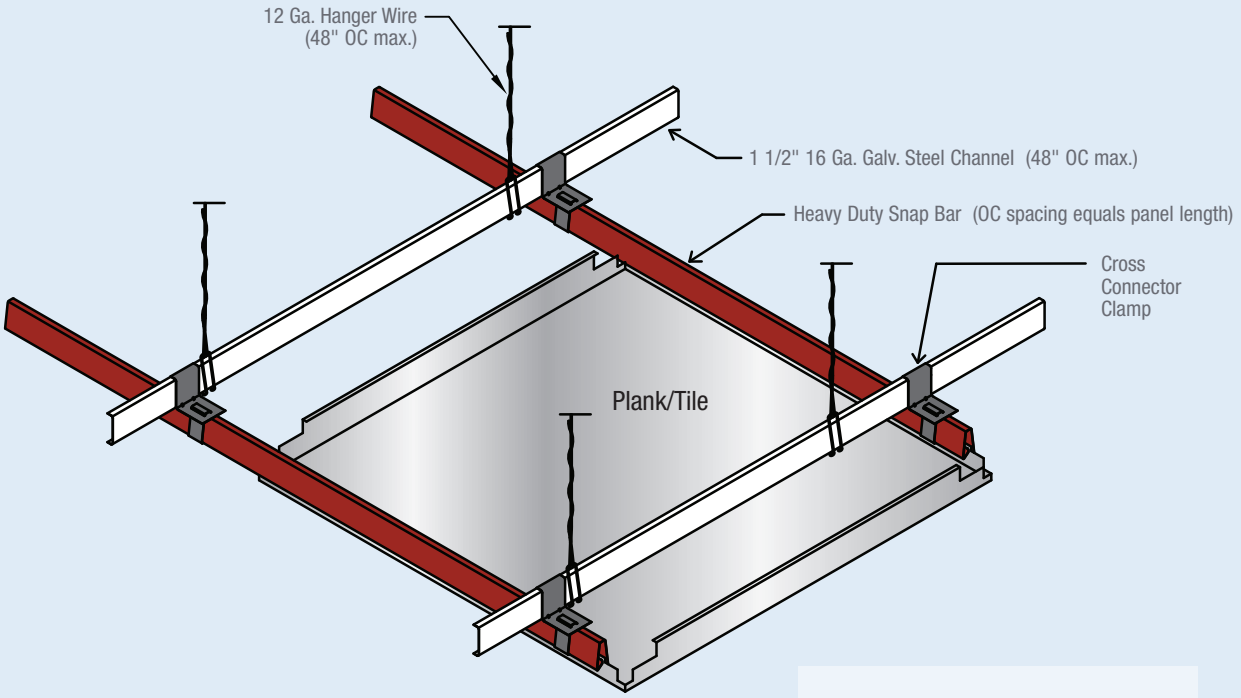
## Make It a Snap.

The proven durability of Snap-In panels – one of Hunter Douglas' first concealed suspension ceiling systems for metal panels – makes them a good selection for ceiling and wall applications. Snap-In installation is a familiar and proven process for the commercial trades. Snap-In panel systems are also designed to meet exterior wind load requirements.

Project: BMW Chattanooga  
Location: Chattanooga, TN  
Architect: Praxis 3  
Product: Snap-In



**SNAP-IN PANEL**



Key features of Snap-In:

- Ceiling and wall applications
- Interior and exterior applications
- Hinged access doors available
- Trim systems available with both roll-form and extruded options
- Contains from 70% to 95% recycled content
- Compatible with industry-standard fixtures and air diffusers
- Design flexibility with our custom and skip perforation options

For colors, finishes and perforation/acoustical options, see pages 14 and 15 or [www.hunterdouglascontract.com/ceilings](http://www.hunterdouglascontract.com/ceilings)

STANDARD SIZES		
12" x 24"	12" x 72"	24" x 24"
12" x 48"	12" x 96"	24" x 48"
12" x 60"		

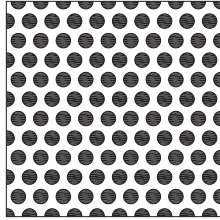
  

STANDARD MATERIAL THICKNESSES
.032" or .040" aluminum

## PERFORATIONS

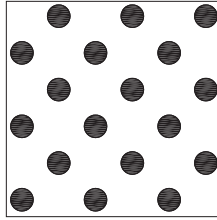
Perforated panels improve acoustical performance as well as creating aesthetic effects. Perforation patterns may be product specific. Visit [www.hunterdouglascontract.com/ceilings](http://www.hunterdouglascontract.com/ceilings) for further details.

#100



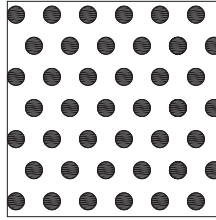
Perforation diam: .101 in.  
Open area: 38%

#102



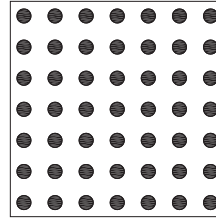
Perforation diam: .157 in.  
Open area: 14%

#103



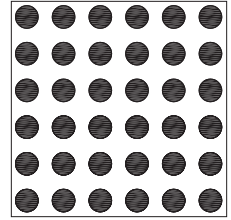
Perforation diam: .118 in.  
Open area: 20%

#106



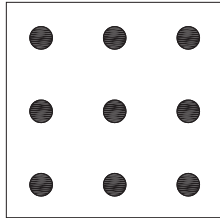
Perforation diam: .098 in.  
Open area: 16%

#107



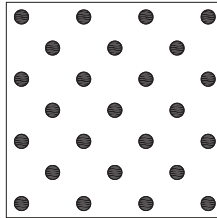
Perforation diam: .157 in.  
Open area: 28%

#112



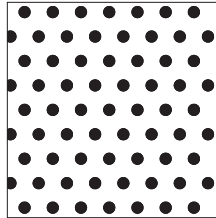
Perforation diam: .157 in.  
Open area: 7%

#119



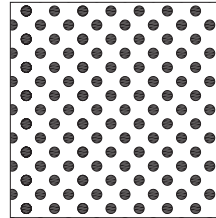
Perforation diam: .098 in.  
Open area: 8%

#124



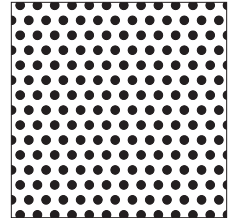
Perforation diam: .078 in.  
Open area: 15%

#132



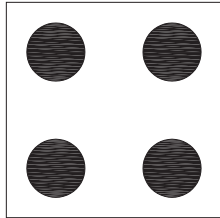
Perforation diam: .070 in.  
Open area: 20%

#160



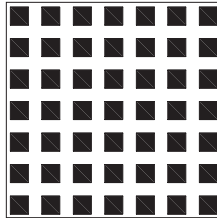
Perforation diam: .060 in.  
Open area: 23%

#201



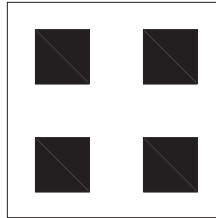
Perforation diam: .375 in.  
Open area: 20%

#312



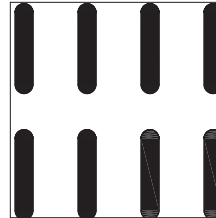
Perforation: .125 in. sq.  
Open area: 33%

#375



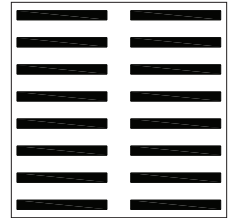
Perforation: .375 in. sq.  
Open area: 25%

#625



Perforation: .125 in. x .625 in.  
Open area: 19.5%

#850



Perforation: .063 in. x .625 in.  
Open area: 26.5%

## SOUND ABSORPTION (NRC) SUMMARY\*

Perforation Pattern	% Open Area	Acoustical Infill	NRC
#119	8%	Non-Woven Acoustic	0.70
#124	15%	Non-Woven Acoustic	0.75
#106	16%	1" – 1.5 pcf Polywrapped Fiberglass	0.85
		Non-Woven Acoustic	0.75
#201	19.6%	1" – 1.5 pcf Polywrapped Fiberglass and Non-Woven Acoustic	0.75
		Non-Woven Acoustic	0.75
#103	20%	1" – 1.5 pcf Polywrapped Fiberglass	0.90
		Non-Woven Acoustic	0.80
		1" – 1.5 pcf Polywrapped Fiberglass and Non-Woven Acoustic	0.90
		1.25" – 2.5 pcf Polywrapped Fiberglass	0.85
#160	23%	Non-Woven Acoustic	0.70
		1" – 1 pcf Polywrapped Fiberglass and Non-Woven Acoustic	0.95

\* Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting. Test reports available upon request.

## FINISH OPTIONS

In addition to our standard finishes, Hunter Douglas offers a wide range of additional finish options, including custom color matching, simulated woods, and custom designs. Minimum quantities, pricing variations, and lead times may apply. Call 800-366-4327 or visit [www.hunterdouglascontract.com/ceilings](http://www.hunterdouglascontract.com/ceilings) for more information.



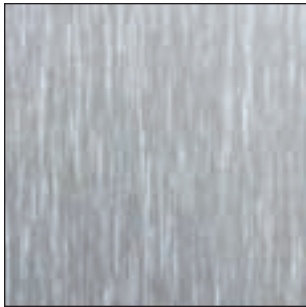
Natural #7163



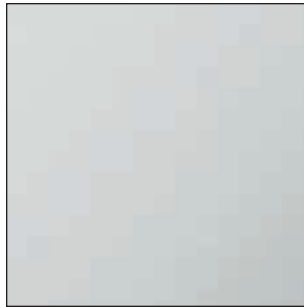
Cotton White #0280



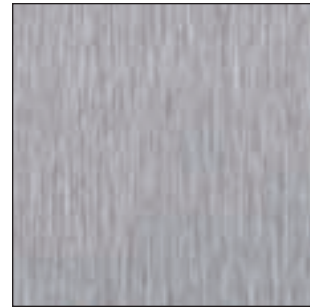
Satin Anodized #C129



Brushed Aluminum #0004



Bright Aluminum #0000



Metalium #0008

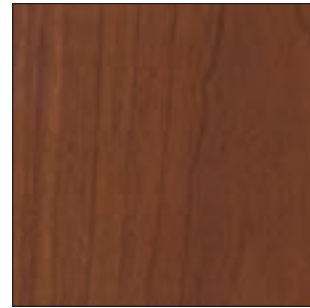
## Simulated Wood Laminates for Plank & Tile



American Natural #8000

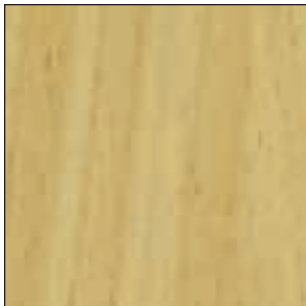


Russian Maple #8003



Hayward Cherry #8005

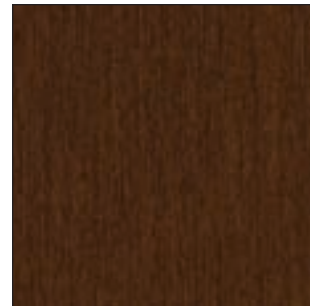
## Simulated Wood Laminates for 300C



Beech #6812



Cherry #6813



Walnut #6809





Hunter Douglas has long designed and manufactured its ceiling systems to follow the principles of sustainability and indoor environmental quality. We have the experience, the knowledge and the products. Visit [www.hunterdouglascontract.com/ceilings](http://www.hunterdouglascontract.com/ceilings) and click on the "Green Product Bulletin" for further details.

Key environmental programs and features:

- Hunter Douglas Contract is a longtime member of the U.S. Green Building Council
- Our U.S. manufacturing location, which produces all our metal ceiling systems for the North American market, qualifies as a zero landfill facility
- Continual R&D is important to Hunter Douglas Contract to create products as well as processes that are more environmentally friendly

#### LEED EXPERTISE

Our project managers and engineers have worked on many LEED® rated and/or sustainably designed projects, from manufacturing facilities to high-rise office towers. Contact us for more information on products and documentation for projects that include environmental design considerations.

Our project managers and engineers can assist architects/designers in a number of key areas to accumulate potential LEED® credits toward project certifications.

- MR Credit 2.1 and 2.2
  - Our aluminum ceiling panels are factory-cut to size, significantly reducing field cutting and scrap.
- MR Credit 4.1 and 4.2
  - Our aluminum ceilings contain from 70% to 95% recycled content. Approximately 50% is post-consumer.
- EQ Credit 3.1 and 3.2
  - Our metal ceiling panels have no reportable VOC's.
- EA Credit 1
  - Our metal ceiling panels may have a light reflectance of (LR) 1 which may contribute to energy savings.



Large photo, left:

Project: Sears Centre  
Location: Hoffman Estates, IL  
Architect: Ryan Companies  
Product: 300C



Project: Bush Intercontinental Airport  
Location: Houston, TX  
Architect: Gensler, Houston  
Product: Hook-On



Project: St. Luke's Professional Building  
Location: Houston, TX  
Installer: Cesar Pelli & Associates  
Product: Snap-In, exterior soffit



Project: JFK, Terminal 1  
Location: New York, NY  
Architect: William Nicolas Bodouva & Associates  
Product: 300C, color: Natural

As architects and designers expand the boundaries of design, Hunter Douglas continues to work alongside them. Our ceiling systems are found in some of the world's most recognizable projects.

## Learn More

- Call 800-366-4327 to speak with a ceilings specialist
- [www.hunterdouglascontract.com/ceilings](http://www.hunterdouglascontract.com/ceilings)
- Sign up online to receive a monthly email bulletin

# HunterDouglasContract

WINDOW COVERINGS | CEILINGS | SOLAR CONTROL | FAÇADES



Hunter Douglas Contract  
5015 Oakbrook Parkway, Suite 100  
Norcross, GA 30093  
phone: 800.366.4327  
fax: 770.806.0214  
[www.hunterdouglascontract.com/ceilings](http://www.hunterdouglascontract.com/ceilings)

©2008 Hunter Douglas Inc.® is a trademark of Hunter Douglas Inc.

 50% Recycled, 25% Post Consumer Waste