

# Exterior Ceiling Systems



**HunterDouglasContract**

CEILINGS

A photograph of a modern building at dusk. The building features a prominent white overhang with recessed lighting. The facade is composed of glass panels and vertical metal columns. The interior lights are on, and the sky is a deep blue.

# Take it Outside.

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

All over the world, Luxalon® Exterior Ceiling Systems, with our exclusive Luxacote® finish, stay strong and look impressive in the face of intense sunshine, dramatic temperature changes, moisture, extreme climates, and strong wind loads.

Hunter Douglas Ceiling Systems are durable enough to withstand the elements, versatile enough to meet design criteria and stylish enough to enhance any building.

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

Project: Rabobank  
Location: Heinoord, the Netherlands  
Architect: Architectenburo Roos en Ros BNI BNA  
Product: 300C, perforated



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## From Design to Delivery.

Luxalon® Exterior Ceiling Systems have proven extremely durable for more than forty years; developed with surface-treated panels and a wind resistant suspension system, they stand up to the harshest conditions.

Luxalon Exterior Ceiling Systems create new opportunities for expressive architecture and add beauty and durability to any building. Available in linear, modular or curved configurations with factory run-to-length panels, these soffits can be engineered to meet the design demands and performance requirements of your project.

Architects and designers worldwide appreciate the strength of Luxalon and have specified these systems in prestigious locations including airports, railway stations, office buildings, shopping malls and hotels.

Project: World Trade Center, Schiphol Airport  
Location: The Netherlands  
Architect: Benthum Crouwel Architects BV BNA  
Product: 84R



Project: Domoteka Furniture Shopping Mall  
 Location: Marki, Poland  
 Architect: Archmo  
 Product: 300C

Luxacote was developed to provide corrosion protection and color stability using the following three step coating process:

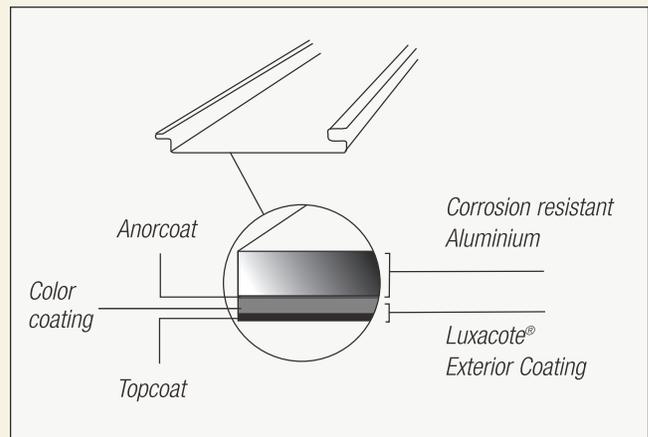
- Anorcoat – to ensure maximum paint adhesion to the aluminum substrate and to protect the metal surface against corrosion.
- Color coat – only color stable pigments are used to ensure optimal color-fastness
- Topcoat – a transparent coating containing a UV filter provides extra color and gloss durability – a highly scratch- and wear-resistant surface.

## PROTECTED BY LUXACOTE®

Luxacote is a special high performance paint finish for Luxalon® Exterior Ceiling Systems. Proprietary Hunter Douglas' Luxacote makes exterior ceilings extremely durable, providing color and gloss stability, high scratch and corrosion resistance. With Luxacote, there is no need to recoat, which reduces maintenance costs and additional environmental impact.

Luxacote protects the aluminum surface from corrosion and bonds the paint to the metal surface for lasting durability. It contains only color-stable pigments for optimal color-fastness and a highly scratch- and wear-resistant surface. Luxacote also filters UV light to provide extra color and gloss durability. Luxacote provides excellent mechanical properties and is therefore suitable for fabrication processes in which the material is subject to the most severe stresses.

The Luxacote finish is an alternative to high performance PVDF paint finishes.



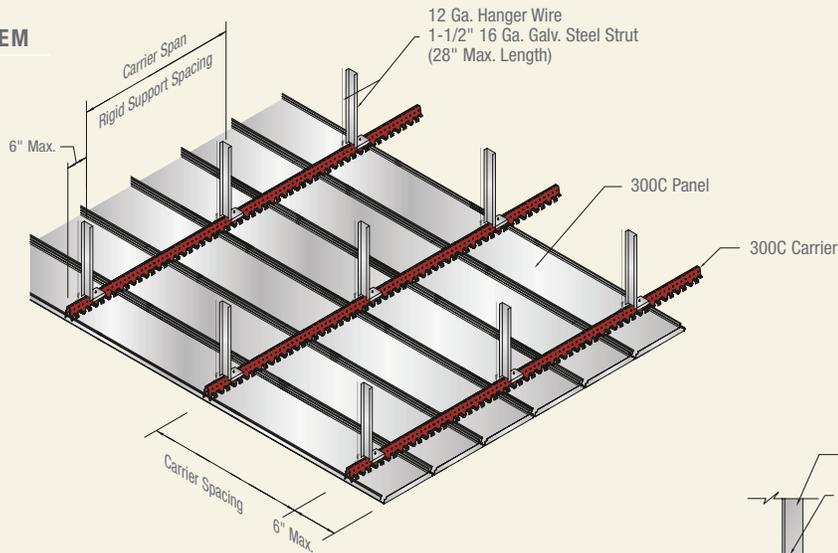
# Impressive Size. Impressive Look.

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

Exterior Ceiling Systems are protected against scratching or fading by our exclusive Luxacote® high performance coatings.

Project: World Trade Center, Schiphol Airport  
Location: The Netherlands  
Architect: Benthum Crouwel Architects BV BNA  
Product: 300C

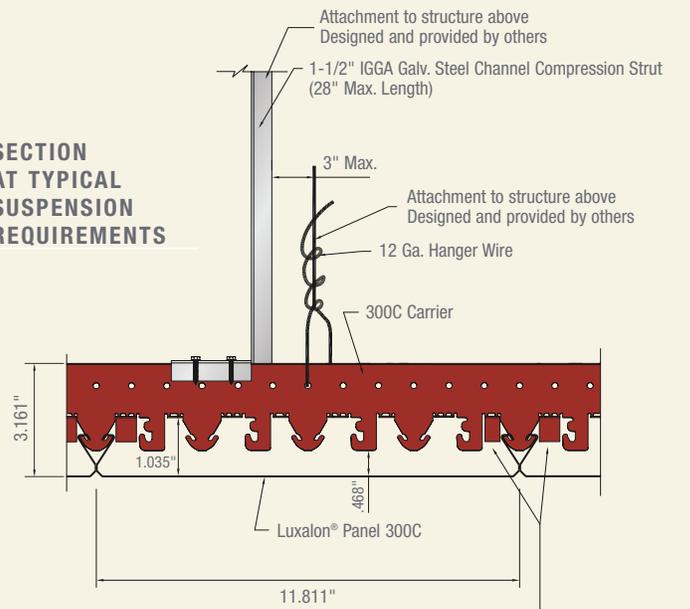
### 300C SYSTEM



### 300C SYSTEM FEATURES

- Length: from 3' to 19' 8"
- Panels may be manufactured to length, saving time and waste on the jobsite
- Interior and exterior applications
- Perforations available for ventilation and/or acoustics
- Simple & economical installation
- A concealed suspension system for a clean, monolithic ceiling appearance
- Carriers and panels designed to withstand positive/negative wind loads
- Factory assembled integral hinged access doors available
- Perimeter trim systems available
- Compatible with industry-standard fixtures and soffit vents
- Available in standard polyester or high-performance Luxacote finishes
- Luxacote® high-performance finish resists harsh environmental conditions including UV
- Available in a variety of colors and finishes. Visit [www.hunterdouglascontract.com/ceilings](http://www.hunterdouglascontract.com/ceilings) for available options
- Contains from 70% to 95% recycled content

### SECTION AT TYPICAL SUSPENSION REQUIREMENTS



• Tabs to be bent down during progressive panel installation (exterior)  
 • Typical at all panel / carrier intersections

### WIND LOAD CHART

Design Wind Pressure (PSF)	Carrier Spacing* (Panel Span)	Carrier Span (Rigid Support Spacing)
20	45"	18"
25	36"	18"
30	30"	18"
35	26"	18"
40	23"	18"

\* Note: Carrier Spacing based on using 3 or more carriers

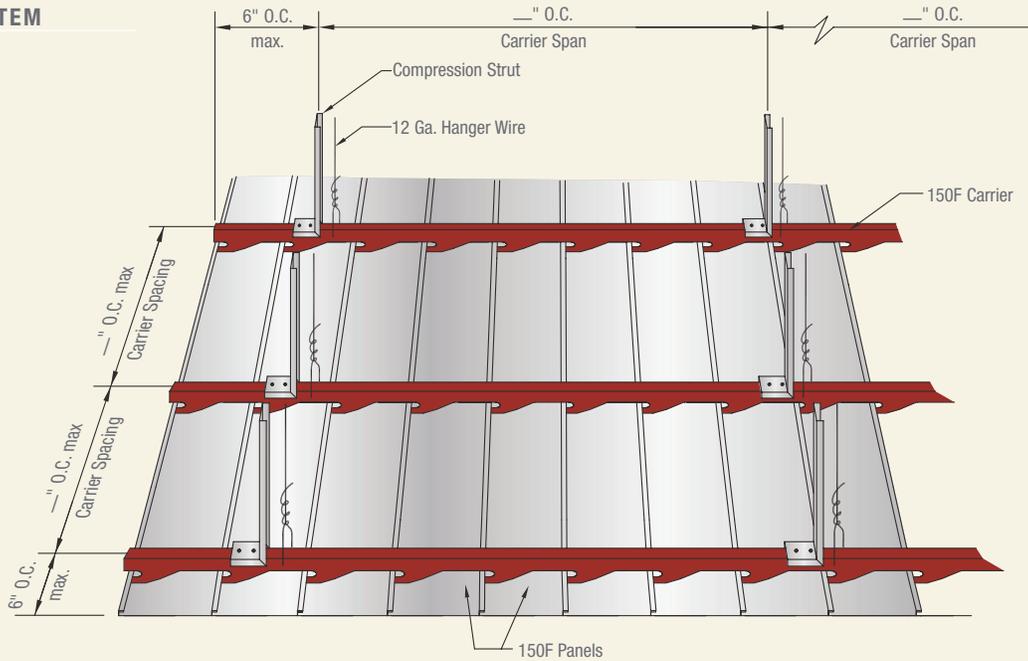
For wind loads greater than 40 PSF, or for complete technical information, contact Hunter Douglas Contract at 800-366-4327 or visit [www.hunterdouglascontract.com](http://www.hunterdouglascontract.com)

## The Great Outdoors.

Specifically designed to withstand harsh environments, the 150F Exterior ceiling system has been widely used for applications ranging from soffits and exterior metal ceilings to painted façades. This economical system requires no fasteners and provides a flush look with an even, solid surface. Appropriate for vertical and horizontal installations, with an engineered carrier system that provides excellent resistance to wind pressure. Luxacote® high-performance finish resists scuffing and fading.

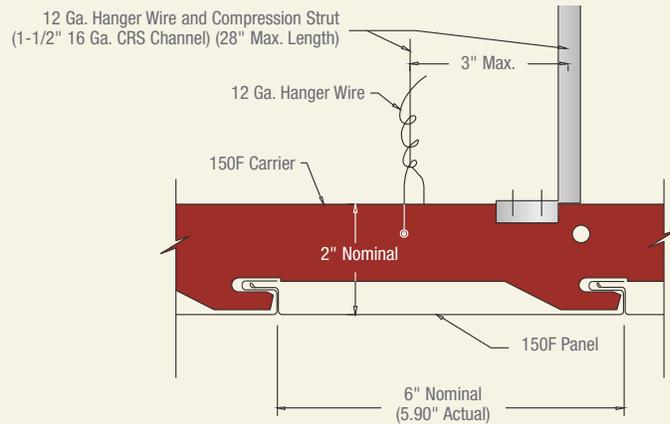
Project: Staples Center  
Location: Los Angeles, CA  
Architect: NBBJ – LA  
Product: 150F, color: Natural

## 150F SYSTEM



## 150F SYSTEM FEATURES

- Length: from 3' to 20'
- Panels may be manufactured to length, saving time and waste on the jobsite
- Interior and exterior applications
- Perforations available for ventilation and/or acoustics
- Easy installation – no fasteners required
- Carriers and panels designed to withstand positive/negative wind loads
- Factory assembled integral hinged access doors available
- Perimeter trim systems available
- Compatible with industry-standard fixtures and soffit vents
- Luxacote® high-performance finish resists harsh environmental conditions including UV
- Available in a variety of colors and finishes.  
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- Contains from 70% to 95% recycled content



WIND LOAD CHART		
Design Wind Pressure (PSF)	Carrier Spacing* (Panel Span)	Carrier Span (Rigid Support Spacing)
20	49"	20"
25	40"	20"
30	34"	20"
35	29"	20"
40	26"	20"

\*Note: Carrier Spacing based on using 3 or more carriers

For wind loads greater than 40 PSF, or for complete technical information, contact Hunter Douglas Contract at 800-366-4327 or visit [www.hunterdouglascontract.com](http://www.hunterdouglascontract.com)

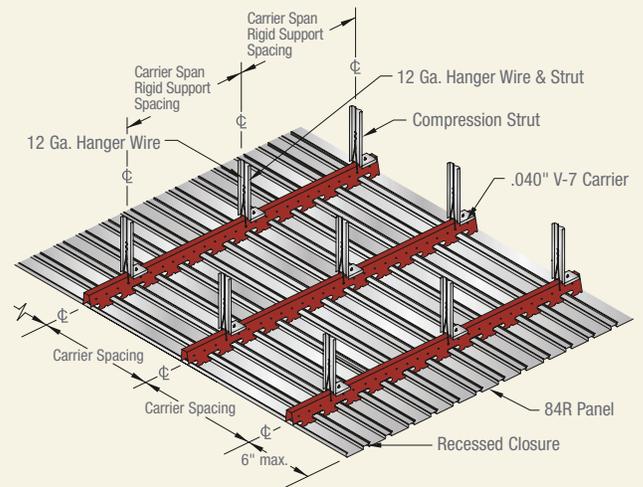
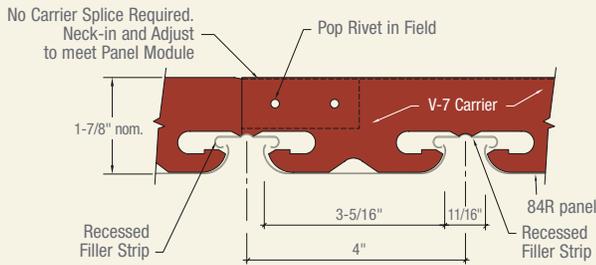
## Around the Bend.

The 84R and 84G systems are known for their attractive, fluid lines. Usually applied in straight linear configurations, our panels can also be curved (as shown above). Appropriate for interior and exterior locations, both systems can make a dramatic statement, soften conventional corners, or create sophisticated transitions.

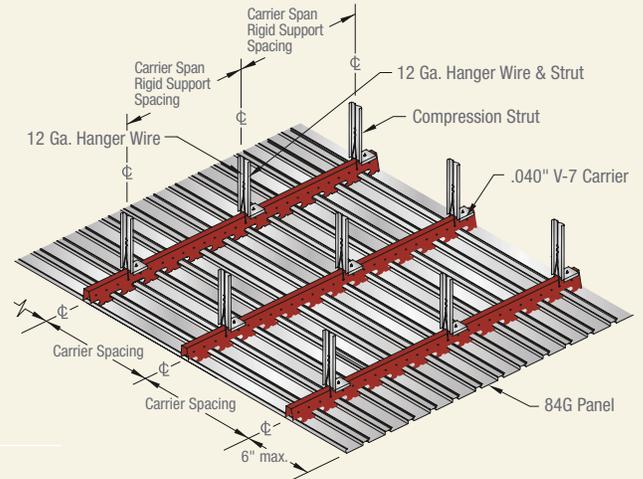
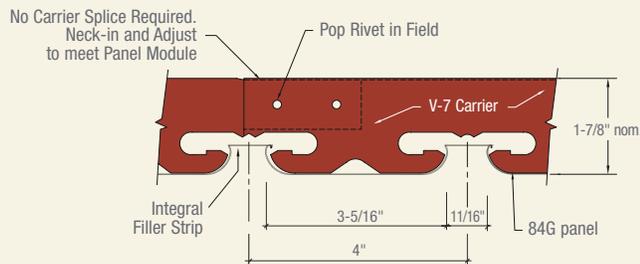
Protected by our patented Luxacote® finish, these Exterior Ceiling Systems will stand the test of time and Mother Nature.

Project: Antwerpen Berchem Railway Station  
Location: Antwerpen, Belgium  
Architect: NMBS (NL), SNCB (FR)  
Product: 84R

## 84R SYSTEM



## 84G SYSTEM



## 84R AND 84G SYSTEMS FEATURE

- Length: from 3' to 20'
- Panels may be manufactured to length, saving time and waste on the jobsite
- 84R panels are available curved to accommodate tight radii or 12 3/4" and 28" (or any radius of 48" or more)
- 84G has an integral closure feature which is available in standard or specified colors
- Interior and exterior applications
- Perforations available for ventilation and/or acoustics
- Carriers and panels designed to withstand positive/negative wind loads
- Factory assembled integral hinged access doors available
- Perimeter trim systems available
- Compatible with industry-standard fixtures and soffit vents
- Available in standard polyester or high-performance Luxacote finishes
- Luxacote® high-performance finish resists harsh environmental conditions including UV
- Available in a variety of colors and finishes.  
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### WIND LOAD CHART

Design Wind Pressure (PSF)	Carrier Spacing* (Panel Span)	Carrier Span (Rigid Support Spacing)
20	42"	21"
25	33"	19"
30	28"	18"
35	24"	17"
40	21"	17"

\* Note: Carrier Spacing based on using 3 or more carriers

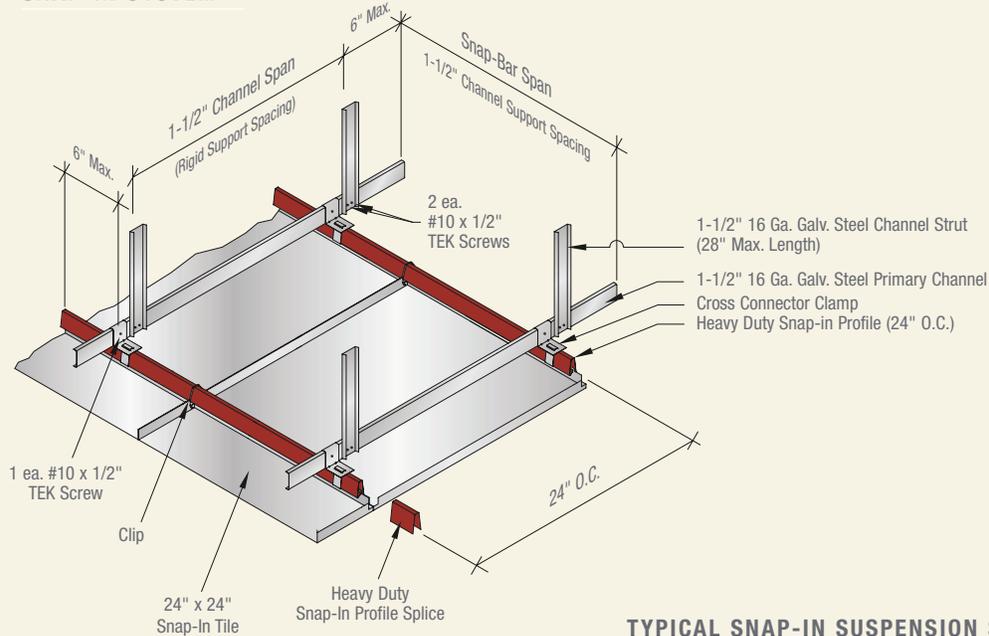
For wind loads greater than 40 PSF, or for complete technical information, contact Hunter Douglas Contract at 800-366-4327 or visit [www.hunterdouglascontract.com](http://www.hunterdouglascontract.com)

## Make It a Snap.

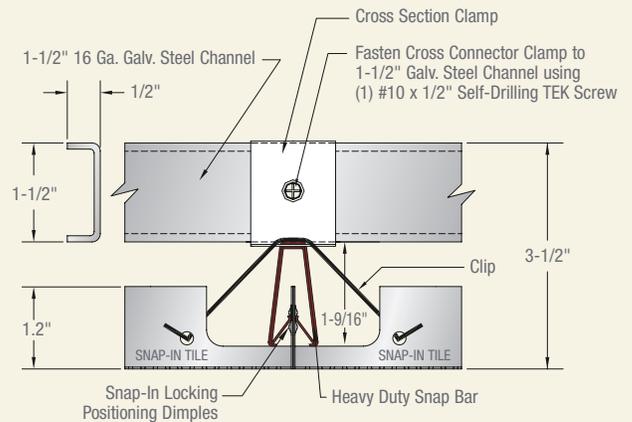
The proven durability of modular Snap-In panels – one of Hunter Douglas' first concealed suspension ceiling systems for metal panels – makes them a good selection for exterior ceiling applications. Snap-In panel systems are designed to meet exterior wind load requirements.

Project: St. Luke's Professional Building  
Location: Houston, TX  
Installer: Cesar Pelli & Associates  
Product: Snap-In Tile, custom color: Taupe

## SNAP-IN SYSTEM



TYPICAL SNAP-IN SUSPENSION SECTION DIMENSIONS



## SNAP-IN SYSTEM FEATURES

- Panel size: 24" x 24"
- Easy modular system
- Interior and exterior applications
- Perforations available for ventilation and/or acoustics
- Carriers and panels designed to withstand positive/negative wind loads
- Factory assembled integral hinged access doors available
- Perimeter trim systems available
- Compatible with industry-standard fixtures and soffit vents
- Available in standard polyester or high performance PVDF finish for harsh environmental conditions
- Available in a variety of colors and finishes. Visit [www.hunterdouglascontract.com/ceilings](http://www.hunterdouglascontract.com/ceilings) for available options
- Contains from 70% to 95% recycled content

WIND LOAD CHART

Design Wind Pressure (PSF)	Snap Bar Span (1-1/2" Channel Spacing)	1-1/2" Channel Span (Rigid Support Spacing)	24" x 24" Panel Aluminum Material Thickness
20	48"	36"	.032"
30	39"	36"	.032"
40	34"	36"	.040"

For complete technical information, contact Hunter Douglas Contract at 800-366-4327 or visit [www.hunterdouglascontract.com](http://www.hunterdouglascontract.com)

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:

- Our U.S. manufacturing location, which produces all our metal ceiling systems for the North American market, qualifies as a zero landfill facility
- Hunter Douglas Contract is a longtime member of the U.S. Green Building Council
- Hunter Douglas has an ongoing commitment to research that improves the sustainability of our sourcing and manufacturing process.

#### 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.



Photo at left and cover photo  
Project: Reebok World Headquarters  
Location: Canton, OH  
Architect: NBBJ Architects of Seattle  
Product: 300C, color: Natural



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



Project: Adam & Eve Hotel  
Location: Belek-Antalya, Turkey  
Architect: Eren Talu  
Product: Open Cell



Project: Ft. Lauderdale Airport  
Location: Ft. Lauderdale, FL  
Architect: HOK  
Product: Screen/Baffle



Project: Hotel Plaza El Bosque  
Location: Santiago, Chile  
Architect: Fernandez – Wood Arquitectos  
Product: Natura

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



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 50% Recycled, 25% Post Consumer Waste