Design & Craftsmanship

skyacoustics

CUSTOM ACOUSTICAL CEILING AND WALL PANELS

skyacoustics

55 Bradwick Drive, Concord, Ontario L4K 1K5
Tel: 1-855-477-2200
sky-acoustics.com

AURA
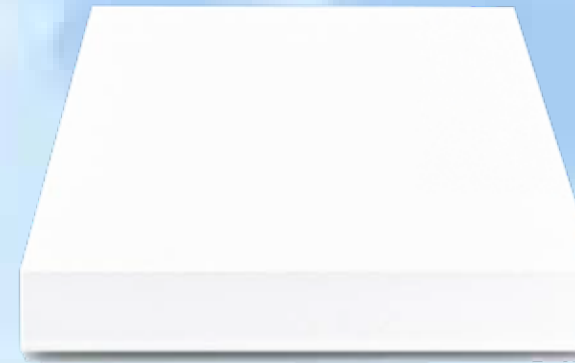**SUPERCLUSTER**
STRATUS
NEXUS
BAFFLES
LEGNO

At Sky Acoustics, we engineer and manufacture acoustical wall and ceiling panels from highly customized shapes and sizes to standard panels. With our commitment to quality craftsmanship, short lead times and competitive pricing, our products bring life to the visions of Architects and Designers worldwide.

skyacoustics

Our Current Line of Products
(All products are available in customized shapes and sizes with paint, fabric and custom finishes)

AURA
Aluminum edged panel for controlled thickness and panel joints with seamless edges
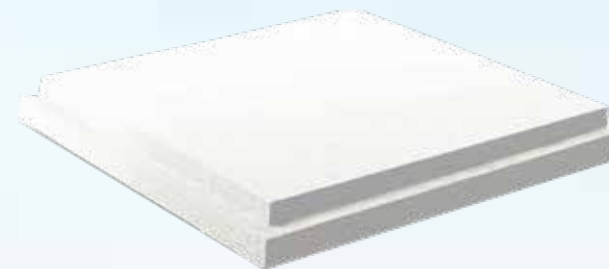
SUPERCLUSTER
Acoustical ceiling cloud with selected finish on all sides (face, edges, and back)

STRATUS
Standard commercial size lay-in panels for a T-bar suspension grid system

BAFFLES
Vertical hung panels by panel edge

NEXUS
Acoustical and high impact resistant wall and ceiling panels

### LEGNO
Wood Veneer finish with micro-perforation

AURA

CUSTOM ALUMINUM EDGE
ACOUSTICAL PANELS

AURA panels are custom manufactured with extruded aluminum edges, which offer great design flexibility with a wide variety of shapes and sizes, including curved panels, geometric shapes as well as flat standard and large panel sizes.

FEATURES:
• Aluminum Metal Panel Edge
• Controlled ±1/8" (3mm) Defined Joint
• Seamless Edge Profile – New
• Perfect Panel Thickness Control - New
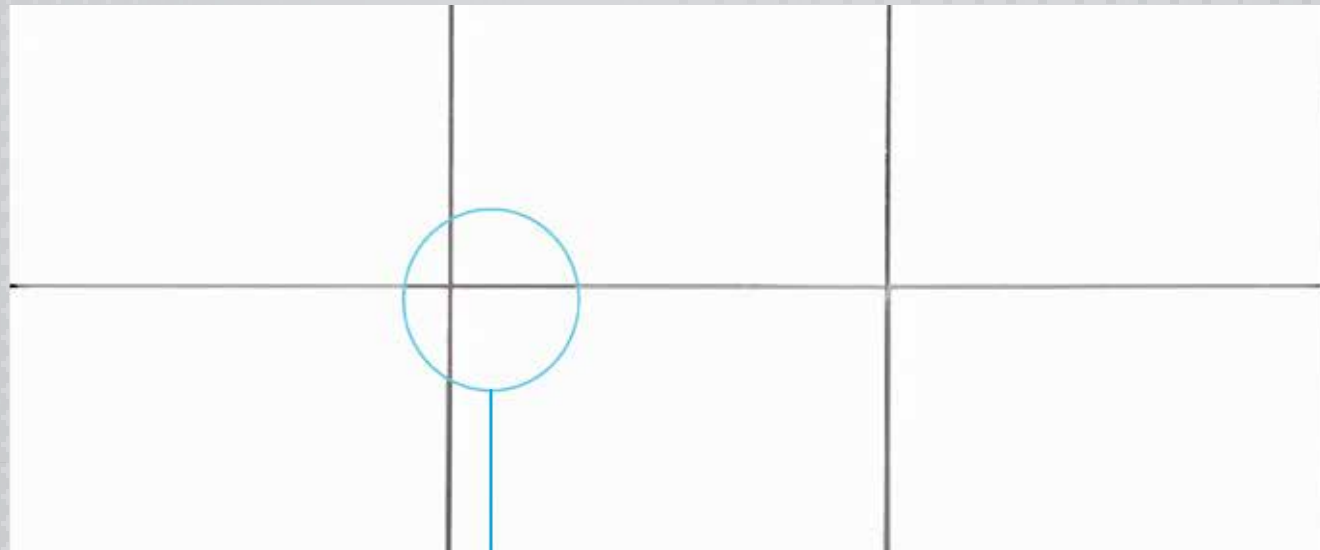
±1/8" (3mm) ceiling panel defined joint control

Seamless Edge Profile

Panel Thickness Control

AURA WHITE
Sky Acoustics Aura White painted panel is an acoustically transparent coating in a smooth monolithic fine texture finish. It has been specially formulated to provide the Aura panel with a brilliant light reflectance of 90%. The Aura panel is finished on the surface and the surrounding metal edge to give the panels a truly complete finished look.

CUSTOM COLOR
Aura panel is also available in any custom color with the same acoustical transparent coating in a smooth monolithic fine texture finish. Custom colors could be matched to any paint chip specified by the designer.
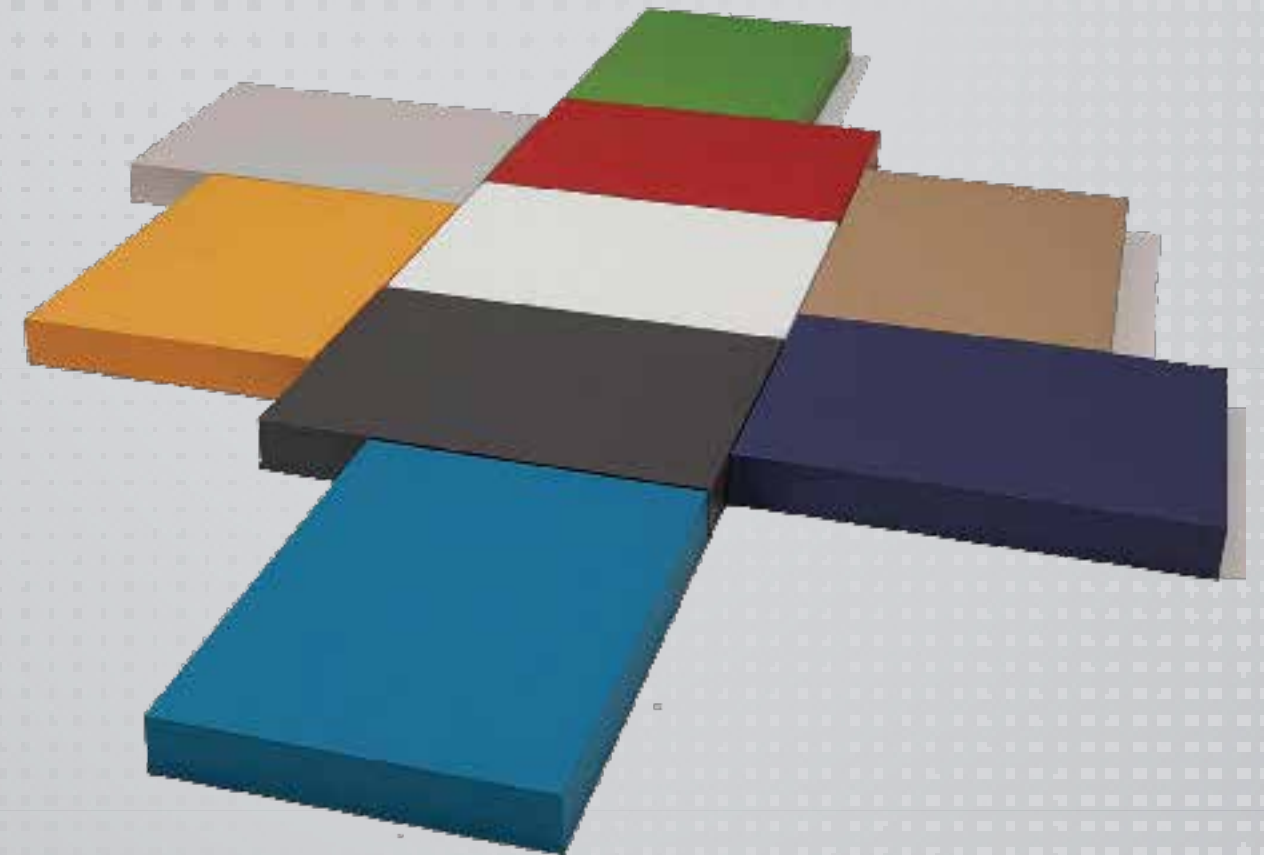
FABRIC and CUSTOM FINISHES
Various types of fabric and custom finishes are available for the Aura panel. Fabric is bonded or stretched applied over the surface and edge turned with a minimum of 1" (25mm) on the reverse of the panel. Custom finishes available upon request.
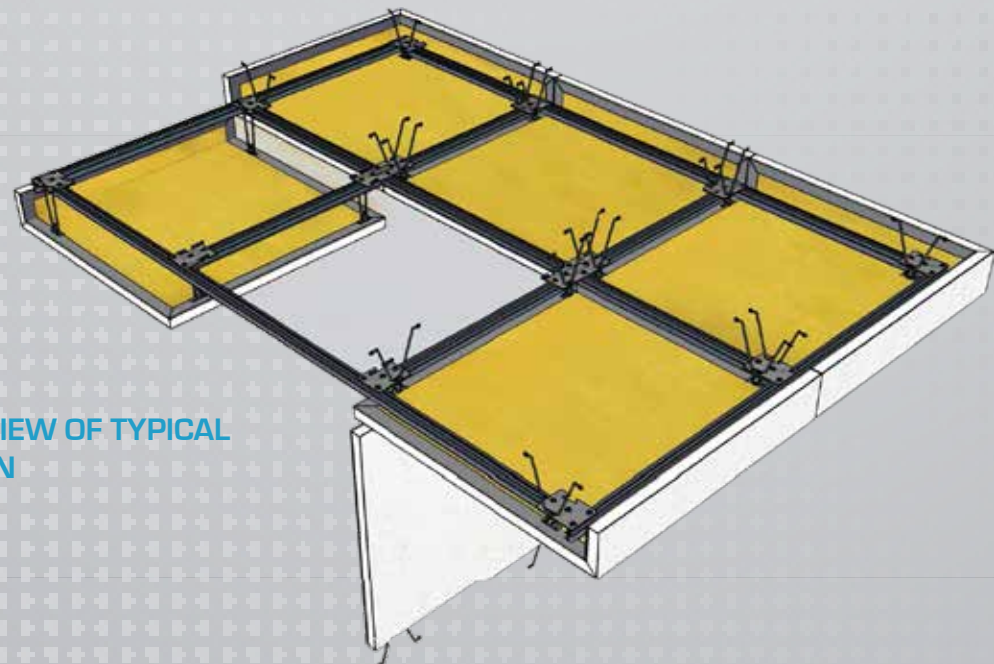
DESIGN RETURN

The Aura Design Returns are used to create a visual impression of depth and thickness to a floating cloud ceiling. The Design Returns are seamless in the corners and returns; and available in varying heights up to 6" (150mm) with the built-up matching the Aura panel finish.

METAL VERTICAL RETURN

Similar to the Design Return, the Metal Vertical Return creates a border surrounding the Aura panels. It is available in varying heights up to 12" (300mm) and only available with the Aptus mounting system. The Metal Vertical Return has matching finish of the Aura panel finish.
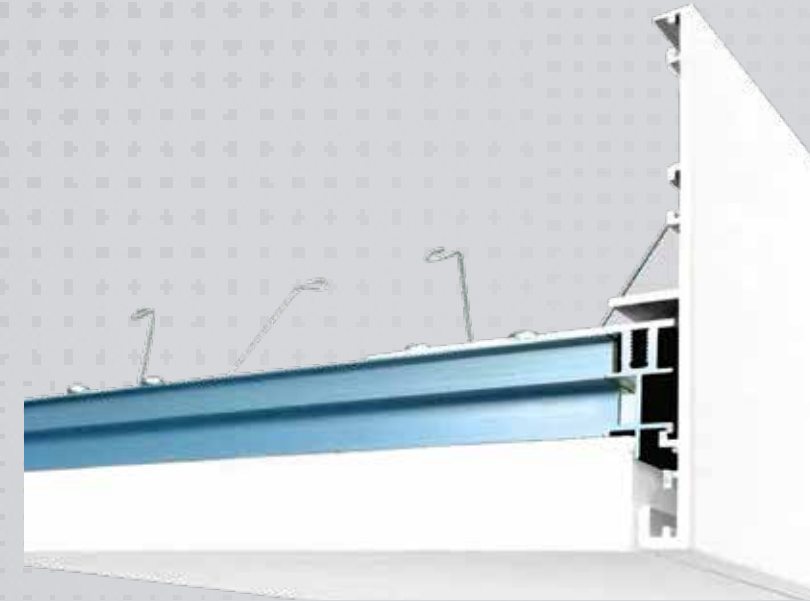
METAL VERTICAL RETURN DETAIL

FEATURES:

- Aesthetically seamless look and finish
- Enhanced visual impression of depth and thickness
- Conceals lighting elements and suspension system
- Shaped and curved to match panel design
- Complements the effect of a floating ceiling
- Built-Up Returns are available in heights up to 6" (150mm)
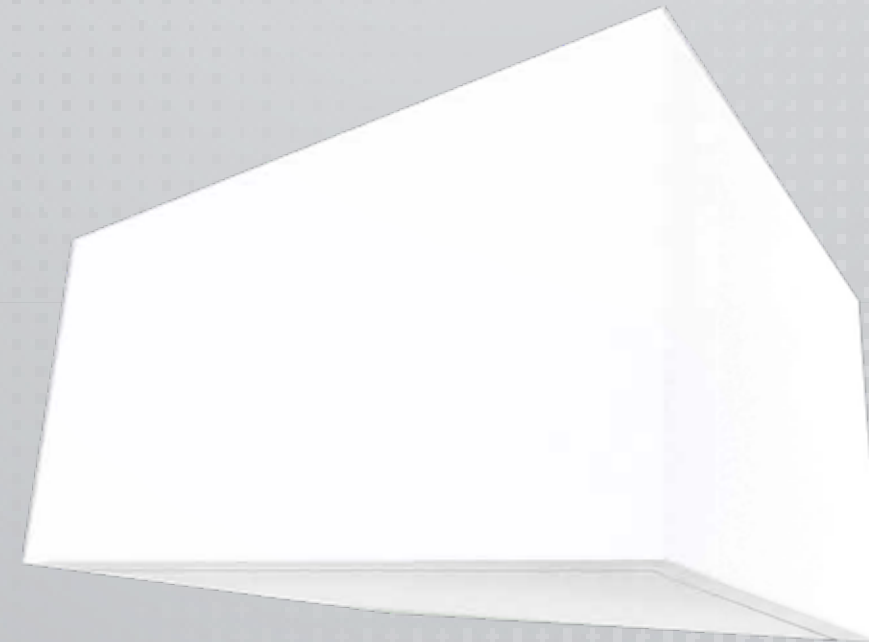- Additional height is optional

PERSPECTIVE VIEW OF TYPICAL DESIGN RETURN
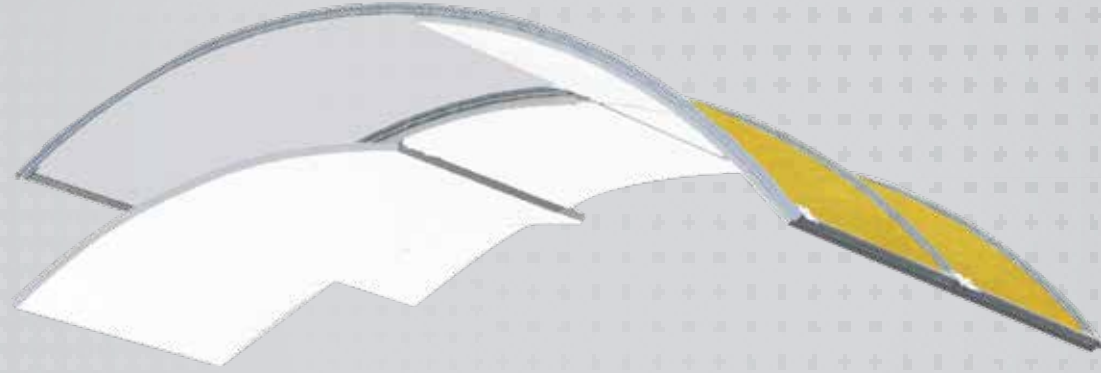
METAL VERTICAL RETURN CORNER

VAULT

Vaulted Aura ceiling panels are pre-curved with one radius throughout the ceiling area. A single panel or multiple panels may be used depending on the width of the span.

Available Vaulted Suspension Methods:
- Aptus
- Direct suspended
- Direct to substrate

CONE

Conical panels are made up of cone shapes with pre-curved sections having various radii throughout the cone.

Available Cone Suspension Methods:
- Aptus
- Direct suspended
- Direct to substrate

S-CURVE

Creates dramatic visual expression as two-dimensional pre-curved panels, with single or double radii and are mounted forming a continuous flowing curve.

Available S-Curve Suspension Methods:
- Aptus
- Direct suspended
- Direct to substrate

APTUS

Custom aluminum suspension grid system with concealed torsion springs. It features a controlled ±1/8" (3mm) defined panel joint with 100% downwards accessibility for easy access to the plenum.
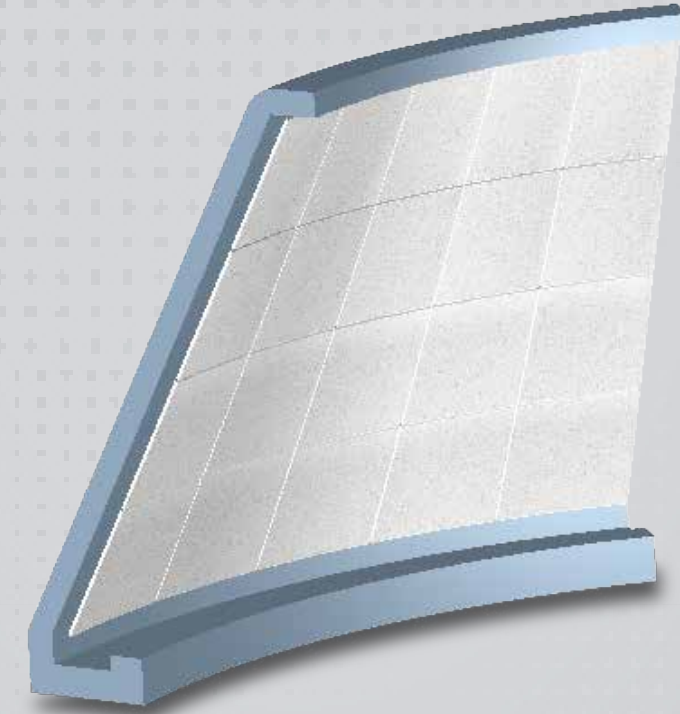
FEATURES:

- Concealed Torsion Spring ceiling system

- Light weight extruded aluminum grid

- 100% downward panel accessibility through the use of torsion spring

- Torsion Spring tear drop feature for safe panel installation and removal

- Panel joint grid fins provide controlled ±1/8" (3mm) defined ceiling panel joint line

- Panels can be hung and swung open or completely removed for easy access to any services that may be required above the Aptus system

- The suspension system is custom engineered and manufactured for each specific project

- All grid members are pre-cut and labelled for easy identification and installation for field assembly

- Interconnecting brackets are fastened to grid to form a rigid system

- Custom curved panels, built-up or extruded aluminum returns are easily incorporated to the Aptus suspension system

PERSPECTIVE VIEW OF TYPICAL APTUS

APTUS Suspension Grid
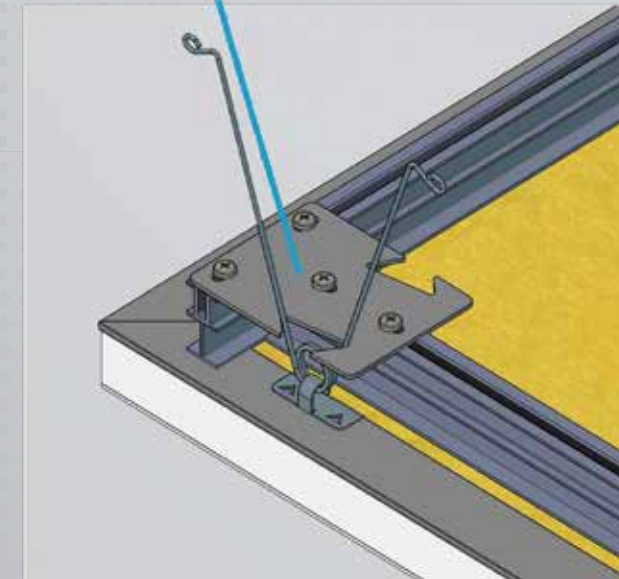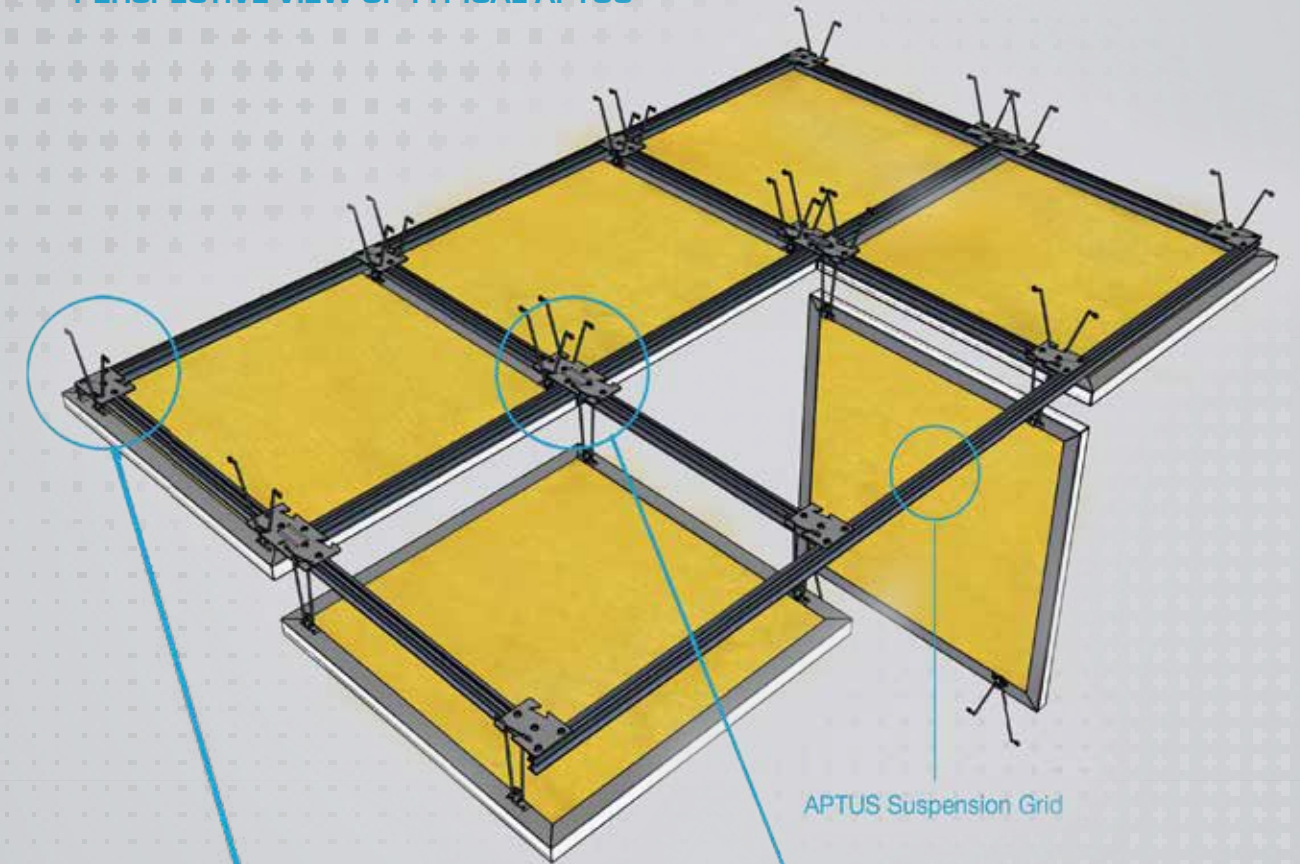
PERIMETER CORNER DETAIL
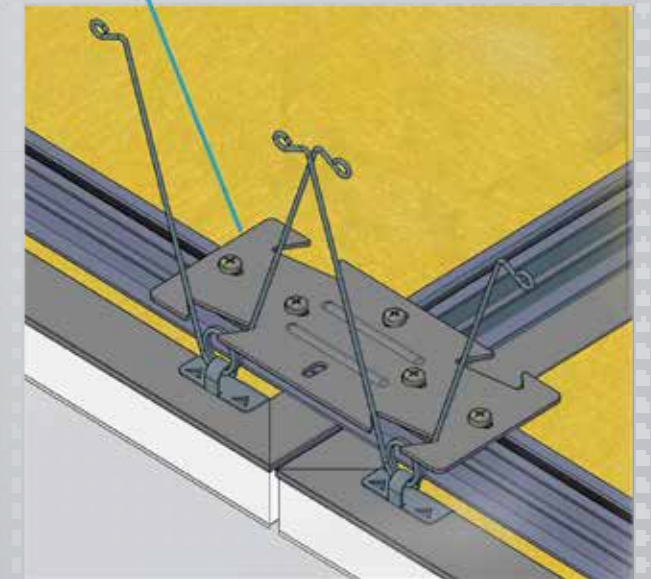
PERIMETER PANEL JOINT DETAIL

DIRECT MOUNT

Panels are progressively installed and fixed using a mechanical z-clip method. Continuous ceiling z-tracks are installed direct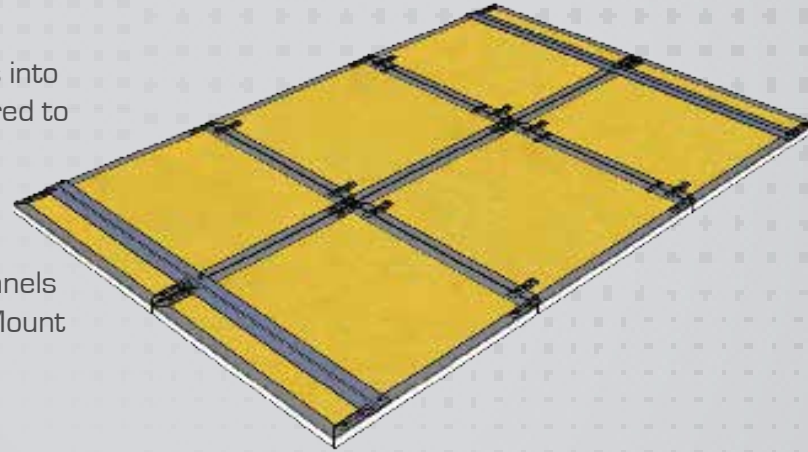ly to a secured substrate to engage the pre-installed panel clips. Panels are fixed but can be removed by progressively removing panels.
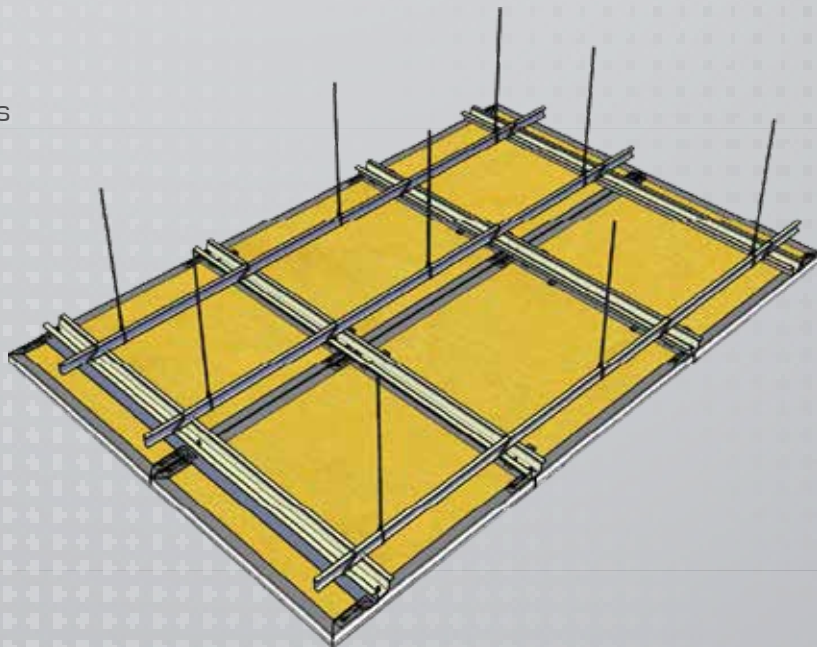
FEATURES:

- Concealed mounting system
- Mechanical z-clip method slides panels into a continuous ceiling track that is secured to substrate
- Z-clips are pre-fastened on the back of the panel
- Custom shaped, curved and built-up panels are easily incorporated to the Direct Mount system

SUSPENDED REVEAL

This suspension system creates the effect of a floating ceiling. The system is installed by sliding T-Plates down the T-bar (by others) and fastening the T-Plates to resin hardened spots on the back of the panel. The panels are suspended from the T-bars with hanging wires as required by local codes. A minimum of 6" (150mm) above the panels and 4" (100mm) reveal between panels are recommended. Panels will need to be de-installed to access the plenum above.

FEATURES:

- Creates the effect of a floating ceiling
- Concealed mounting system
- Custom flat shaped and curved panels are easily incorporated to the Suspended Reveal system

DIRECT SUSPENDED

Panels are progressively installed using a mechanical z-clip method and secured to a suspension system (by others). The system provides better acoustical absorption due to the plenum space. Plenum is not easily accessible and panels require progressive removal.
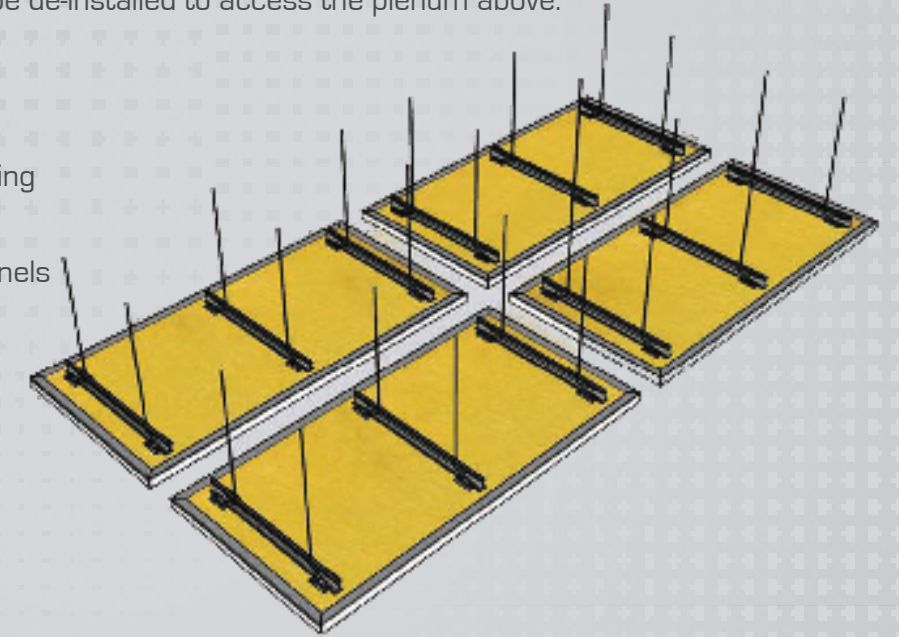
FEATURES:

- Concealed mounting system
- Mechanical z-clip method slides panels into a continuous ceiling track that is fastened to suspended suspension system (by others)
- Z-clips are pre-fastened to panels.
- Custom shaped, curved, and built-up panels are easily incorporated to the Direct Suspended system.

SUSPENDED ACCESS REVEAL

The Suspended Access Reveal System creates the effect of a floating panel ceiling. The channel holding clip slides and fastened into pre-fastened T-Plates on the back of the panels. Frame or grid suspension system supplied by others to be installed for panel installation.

FEATURES:

- Mimics the effect of a floating ceiling
- T-Plates panel clips are pre-fastened (by Installer) to back of panels
- Custom flat shaped and curved panels are easily incorporated to the Suspended Reveal system
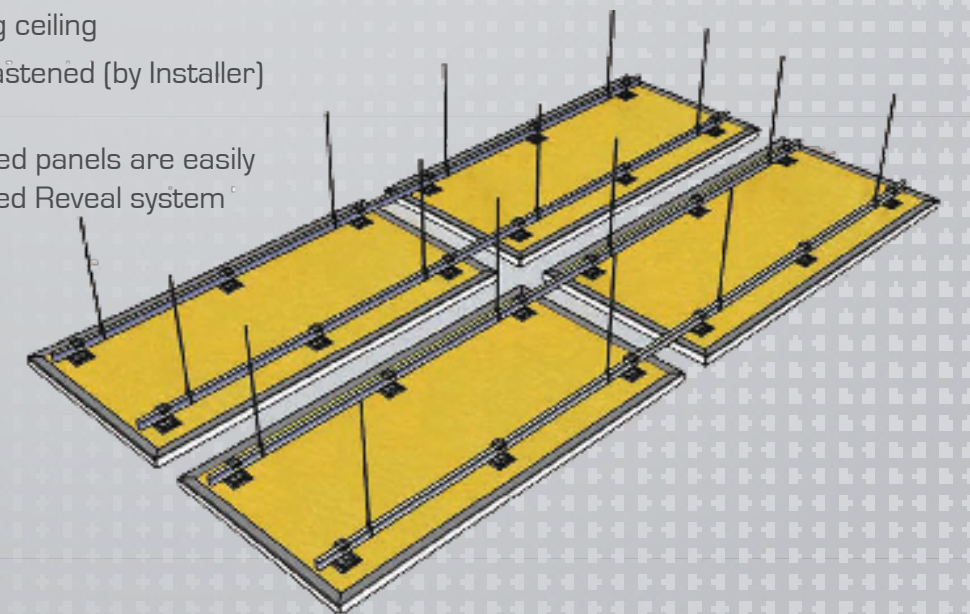
CUSTOM ACOUSTICAL PANELS

DESIGN CAPABILITY:
Aura panels are custom manufactured offering great design flexibility with a wide variety of shapes and sizes; from curved panels and geometric shapes, as well as flat panels of standard and large sizes.

FEATURES:
- Aluminum metal edge
- Controlled ±1/8" (3mm) defined
- Panel joint
- Seamless edge profile - New
- Perfect panel thickness control - New

FINISH:
- Panels are coated in smooth monolithic paint finish
- Aura White for highest light reflections
- Custom color matching to any paint chip
- Custom textures are available
- Fabric selection from designer/specifier

MAXIMUM CORE SIZE:
- 48"x96" (1200mm x 2400mm) (recommended)
- 60"x120" (1500mm x 3000mm)
- Larger Custom sizes available

PANEL COMPOSITION:
1" (25mm) Medium density 6-7 pcf (96-112 kg/cu.m) fiberglass core + High density 16-18 pcf (256-288 kg/cu.m) fiberglass facer + Acoustical veil + Clear vapor barrier at back of panel

EDGES:
Aluminum metal edge

NOMINAL THICKNESS:
1 -1/16" (27mm), 1 - 9/16" (40mm) and 2 - 1/16" (52mm)

MOUNTING:
- Aptus Suspension Grid System
- Cumulus Grid System
- Direct Progressive Mount
- Direct Suspended Progress Mount
- Suspended Reveal Mount
- Suspended Accessible Reveal Mount

TECHNICAL DATA:
- Light Reflectance at 90% with Aura White finish
- Acoustical Absorption NRC 0.90
- Class A Flame Spread Less than 25 and smoke developed less than 50 when tested in an assembly to ASTM E84 Standard
- Specification Section 9

Project Name: Chanel
Location: New York, NY
Architect: Architecture Plus Information
Product Type: Aura 66" X 96" Over Size Panel
Mounting System: Aptus
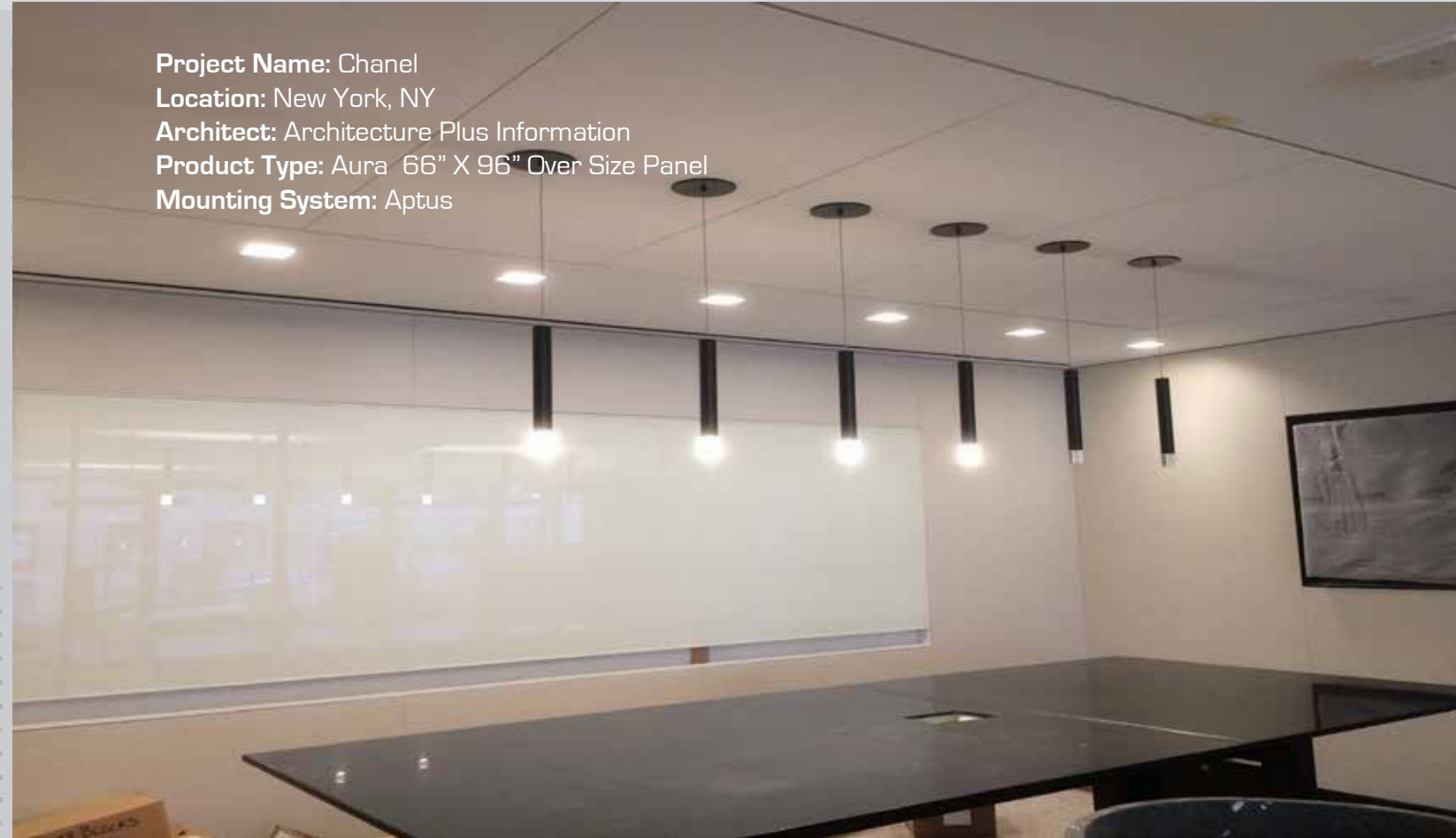
Project Name: GrandMarc at Northeastern
Location: Boston, MA
Architect: DiMella Shaffer
Product Type: Curved Aura with Design Returns
Mounting System: Aptus
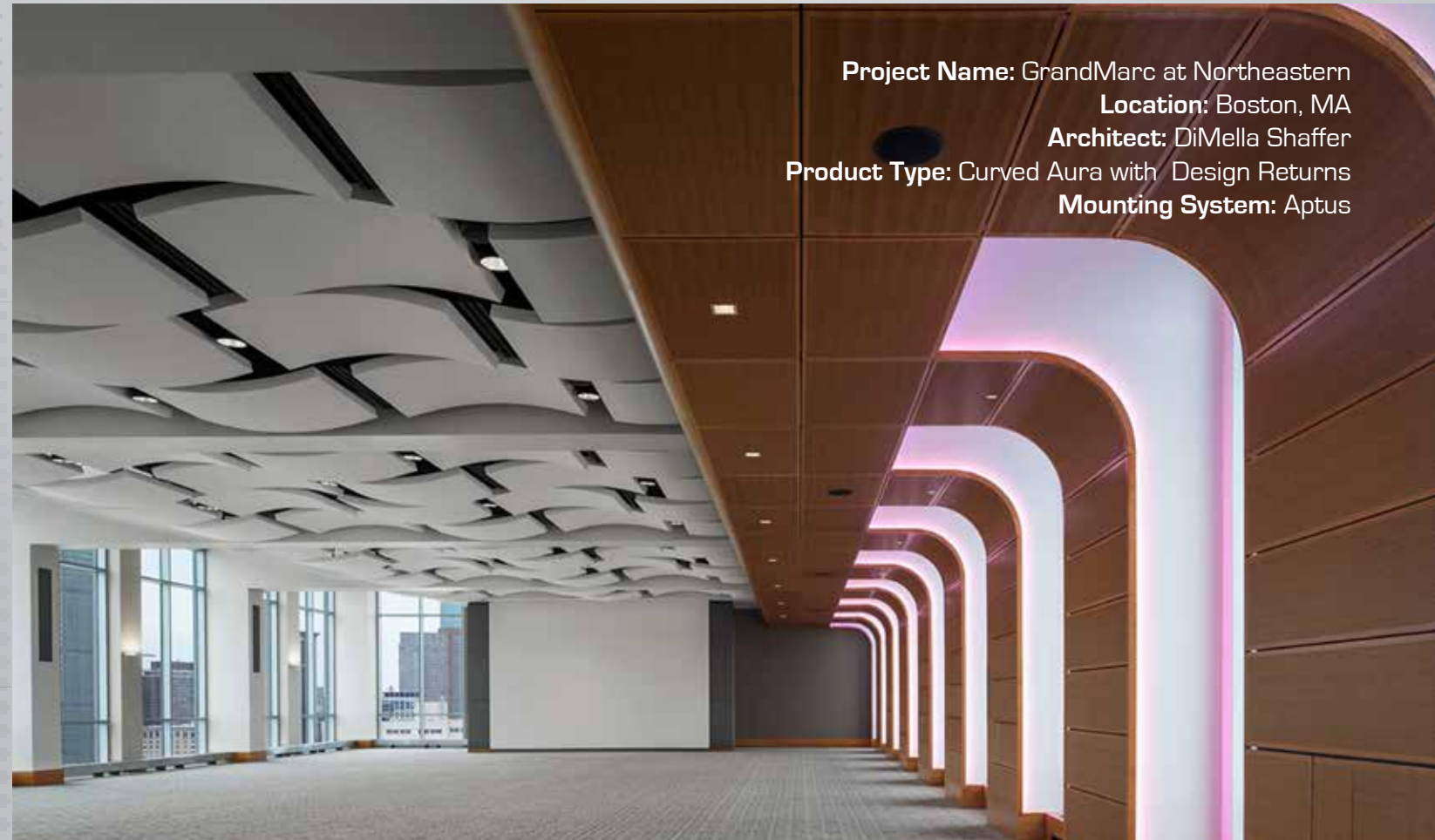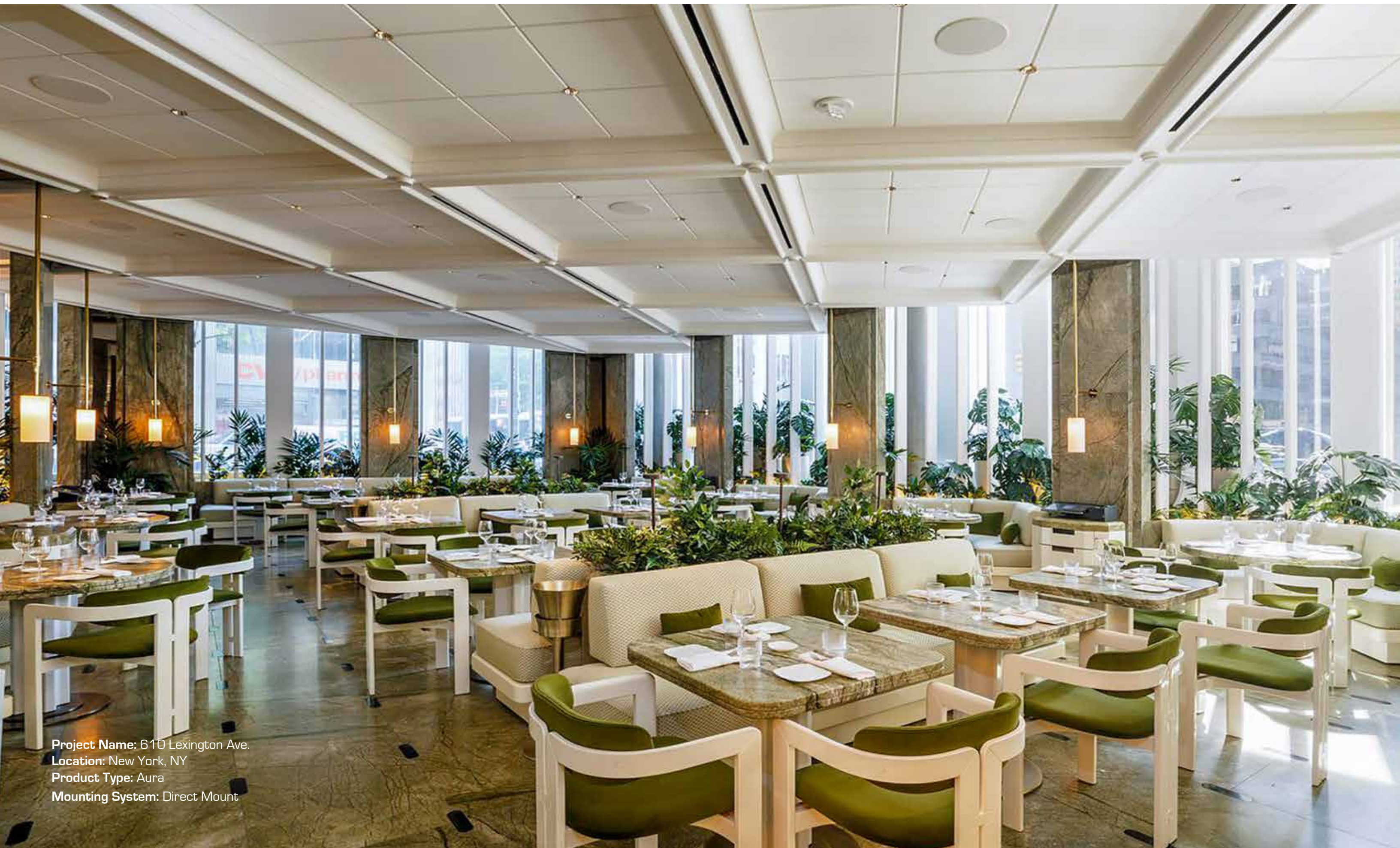
Project Name: 610 Lexington Ave.
Location: New York, NY
Product Type: Aura
Mounting System: Direct Mount

Project Name: IPSOFT
Location: New York, NY
Architect: SOM | Skidmore, Owings & Merrill LLP
Product Type: Aura
Mounting System: Aptus
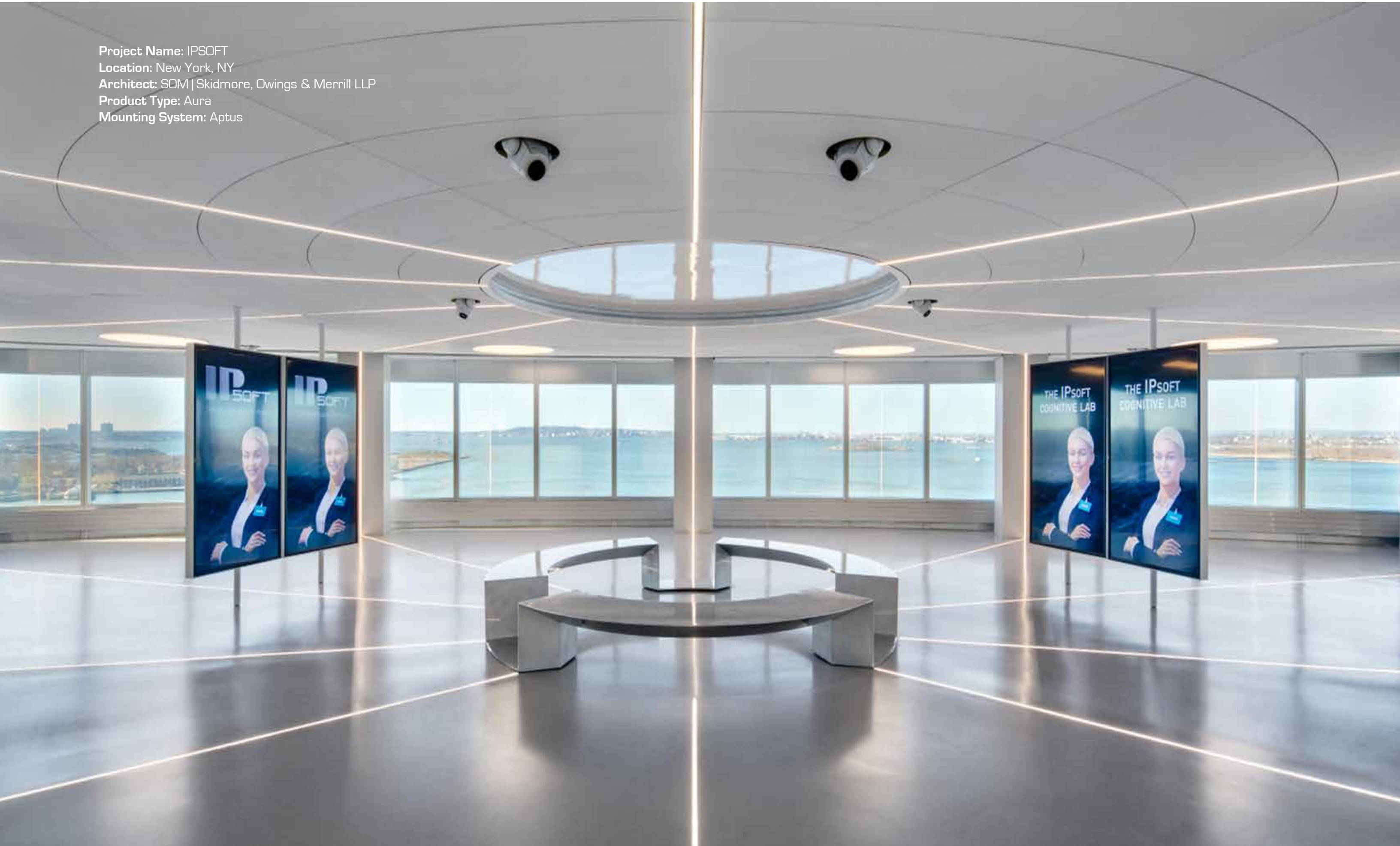
Project Name: St. Catherines Performing Art Centre
Location: St. Catherines, Ontario
Architect: Diamond Schmitt Architects
Product Type: Aura Fabric with Metal Vertical Returns
Mounting System: Aptus
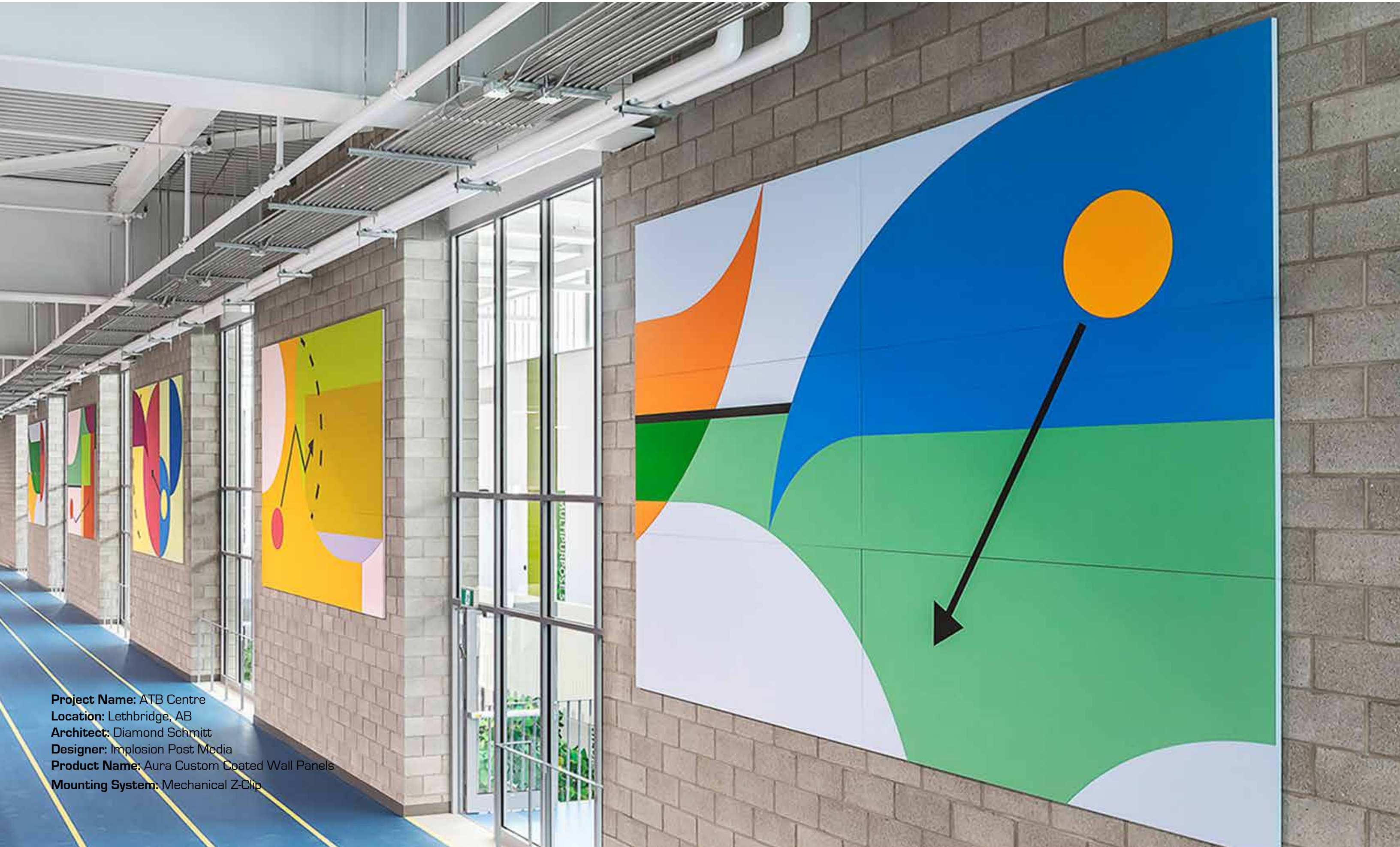
Project Name: ATB Centre
Location: Lethbridge, AB
Architect: Diamond Schmitt
Designer: Implosion Post Media
Product Name: Aura Custom Coated Wall Panels
Mounting System: Mechanical Z-Clip
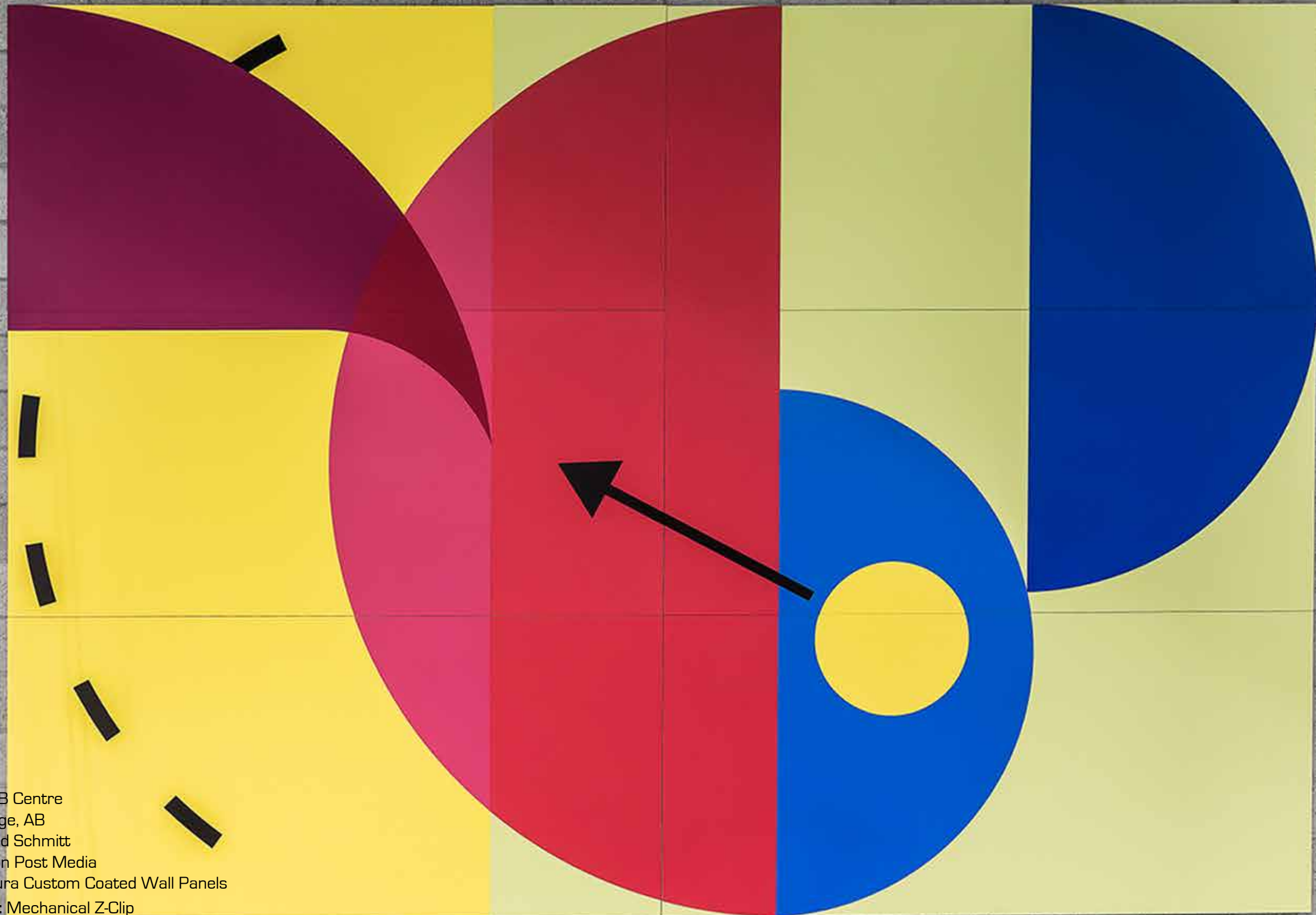
Project Name: ATB Centre
Location: Lethbridge, AB
Architect: Diamond Schmitt
Designer: Implosion Post Media
Product Name: Aura Custom Coated Wall Panels
Mounting System: Mechanical Z-Clip

SuperCluster

CUSTOM ACOUSTICAL CLOUDS & SHAPES

SUPERCLUSTER is our accent floating cloud panel, which can be featured as a cluster of floating panels or one stand-alone ceiling panel. They are custom manufactured to a wide variety of curves, shapes and sizes to the designer's specification.

FEATURES:
• Seamless Edge
• Finished on all sides and edges
• Adjustable Hanger Hooks with Cable Wire Suspension
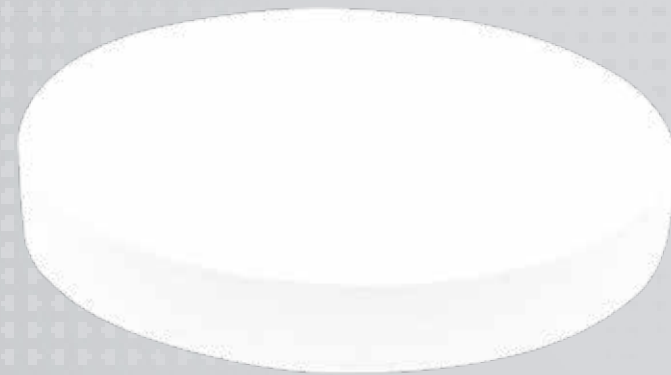
CIRCLE

OCTAGON

TRIANGLE

CONVEX / CONCAVE

AURA WHITE
The SuperCluster Aura White painted panel is an acoustically transparent coating in a fine texture finish on all sides and edges of the panel. It has been scientifically formulated to provide a brilliant light reflectance of 90%.

CUSTOM COLOR
The SuperCluster painted panel is also available in any custom color with the same acoustically transparent coating in a fine texture finish. Custom colors could be matched to any paint chip specified by the designer.

FABRIC
Selected fabric finish is also available for the SuperCluster panel. The fabric is bonded over the face, back and edges of the panel.

MOUNTING
Anchor Springs are fastened to the back of the SuperCluster panel and clipped to an adjustable hanger hook with aircraft cable.

ANCHOR SPRING with HANGER HOOK and CABLE

CUMULUS GRID SYSTEM
Panels are assembled in a group into a suspension grid system, supplied by Sky Acoustics. Cumulus grid system comes in a standard mill finish; also available in black or any specified custom color.
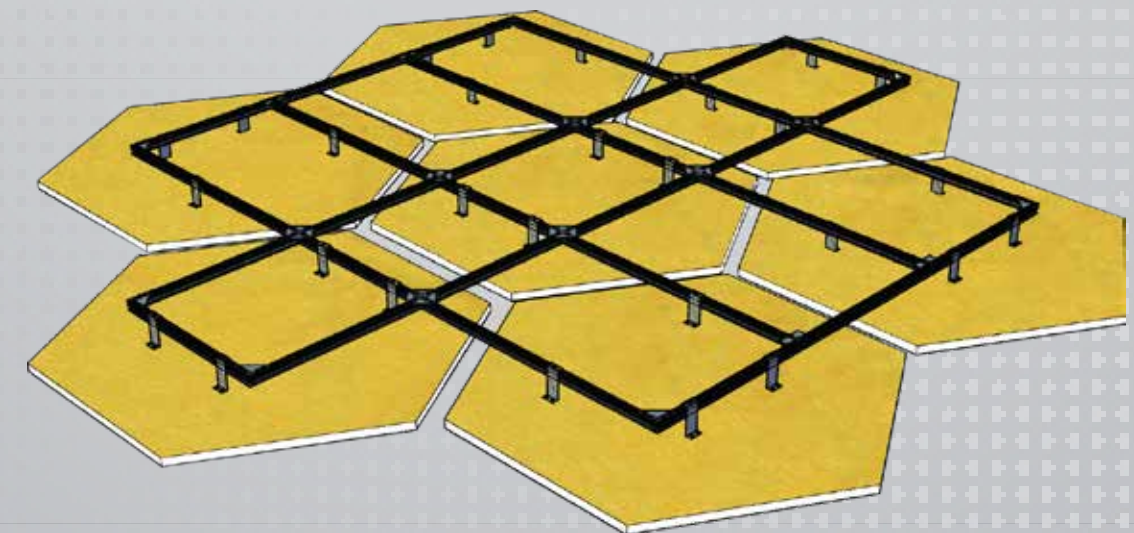
SUPERCLUSTER (Modified) - Only face and sides are finished

ACOUSTICAL CLOUDS & SHAPES

FEATURES: Excellent aesthetic, acoustical absorption, light reflectance, cleanability and durability; including scratch, sag, moisture and soil resistance. Inherent resistance to surface growth of mold and mildew.

PANEL TYPES and SIZES (COMMON SIZES):
FLAT
• Square:
  24"x24" (600mm x 600mm)
  36"x36" (900mm x 900mm)
  48"x48" (1200mm x 1200mm)
• Rectangle:
  36"x48" (900mm x 1200mm)
  36"x60" (900mm x 1500mm)
  48"x72" (1200mm x 1800mm)
  48"x96" (1200mm x 2400mm)
• Triangle:
  24"x24" (600mm x 600mm)
  36"x36" (900mm x 900mm)
  48"x48" (1200mm x 1200mm)
• Circle (Dia.):
  24" (600mm), 32" (800mm), 36" (900mm),
  48" (1200mm), 60" (1500mm)
• Pentagon (5 sides):
  36" (900mm), 48" (1200mm)
• Hexagon (6 sides):
  24" (600mm), 36" (900mm), 48" (1200mm)
• Octagon (8 sides):
  36" (900mm), 48" (1200mm)
• Ellipse:
  48"x16" (1200mm x 400mm)
  72"x24" (1800mm x 600mm)
  95"x40" (2400mm x 1000mm)

CURVED
• Square:
  24"x24" (600mm x 600mm)
  36"x36" (900mm x 900mm)
  48"x48" (1200mm x 1200mm)
• Rectangle:
  36"x 96" (900mm x 2400mm)
  42"x96" (1050mm x 2400mm)
• Shaped Ribbons:
  96" (2400mm)
• Custom Shapes and sizes for both flat and
  curved are available

PANEL COMPOSITION:
1" Medium Density Fiberglass +
High Density Fiberglass Facer + Acoustical Veil
applied to the front and back surfaces and ve-
neered on all edges

WEIGHT:
1.25 psf (6.10 kg/sqm)

NOMINAL THICKNESS:
1" (25mm), 2" (50mm), 1 1/8" (29mm) and
2 1/8" (53mm)
Custom thickness available

FINISH:
• Aura White in a smooth monolithic finish
• Coated Fine texture finish
• Selected fabrics
• Custom color

EDGES:
Resin hardened, acoustical veil or fabric finish

MOUNTING:
• Anchor Spring with Hanger Hook and Cable
• Suspended Reveal
• Cumulus Grid

LIGHT REFLECTANCE:
90% with Aura White Finish

ACOUSTICAL ABSORPTION:
NRC 0.90 when tested to ASTM C423 Standard
Type E400 Mounting

FIRE PERFORMANCE:
• Class A - ASTM E84 Standard
• Flame spread less than 25
• Smoke developed less than 50

Project Name: Johnston Group
Location: Winnipeg, MB
Product Type: SuperCluster with 120" Diameter
Mounting System: Cumulus
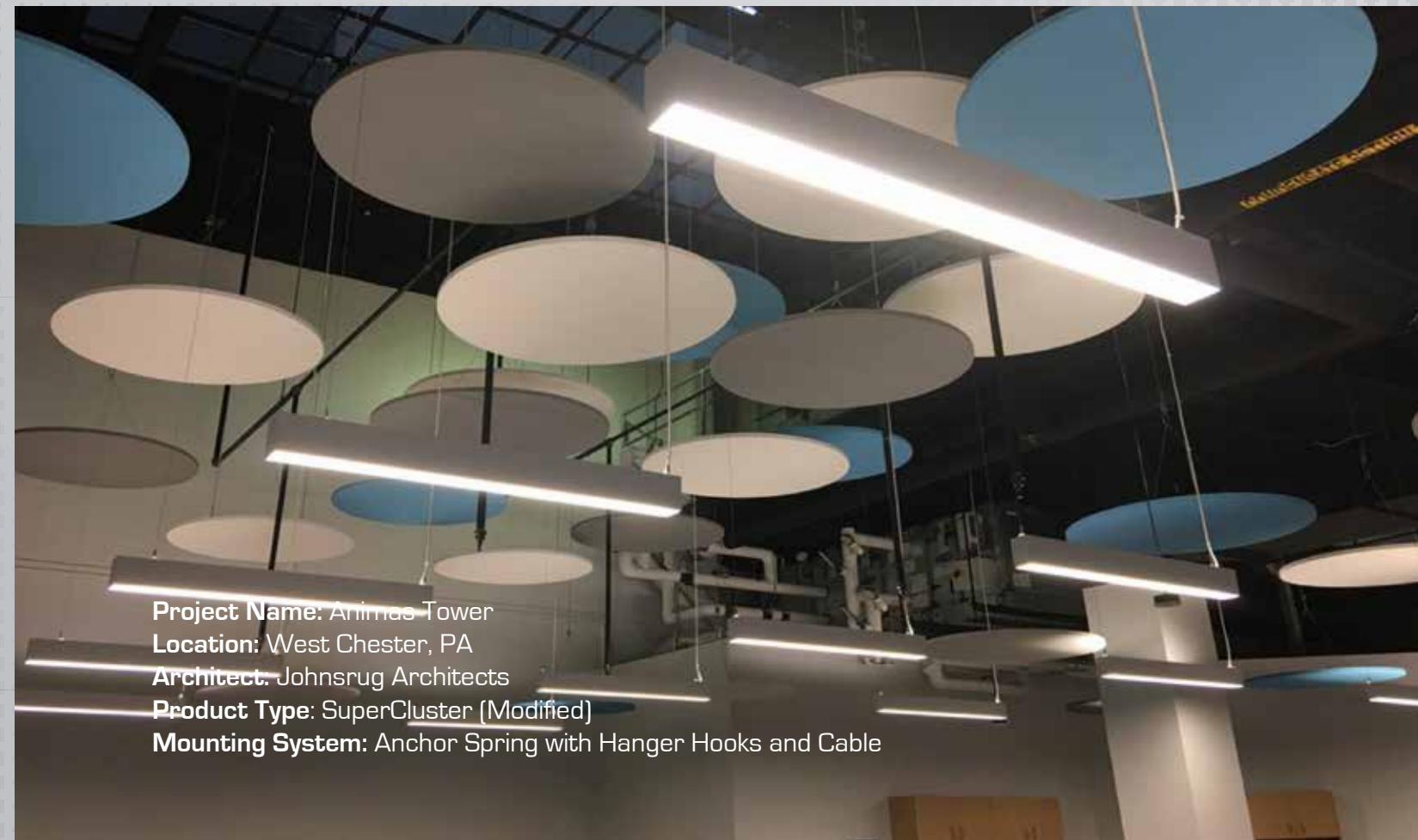
Project Name: Animas Tower
Location: West Chester, PA
Architect: Johnsrug Architects
Product Type: SuperCluster (Modified)
Mounting System: Anchor Spring with Hanger Hooks and Cable

Project Name: Norfolk Southern
Location: Atlanta, GA
Architect: IA Interior Architects Atlanta
Product Type: Shaped SuperCluster
Mounting System: Anchor Springs with Hanger
Hooks and Cable

Project Name: CBRE Kubik
Location: Toronto, ON
Architect: HOK
Product Type: SuperCluster with Mirror Finish
Mounting System: Suspended Reveal and Aptus
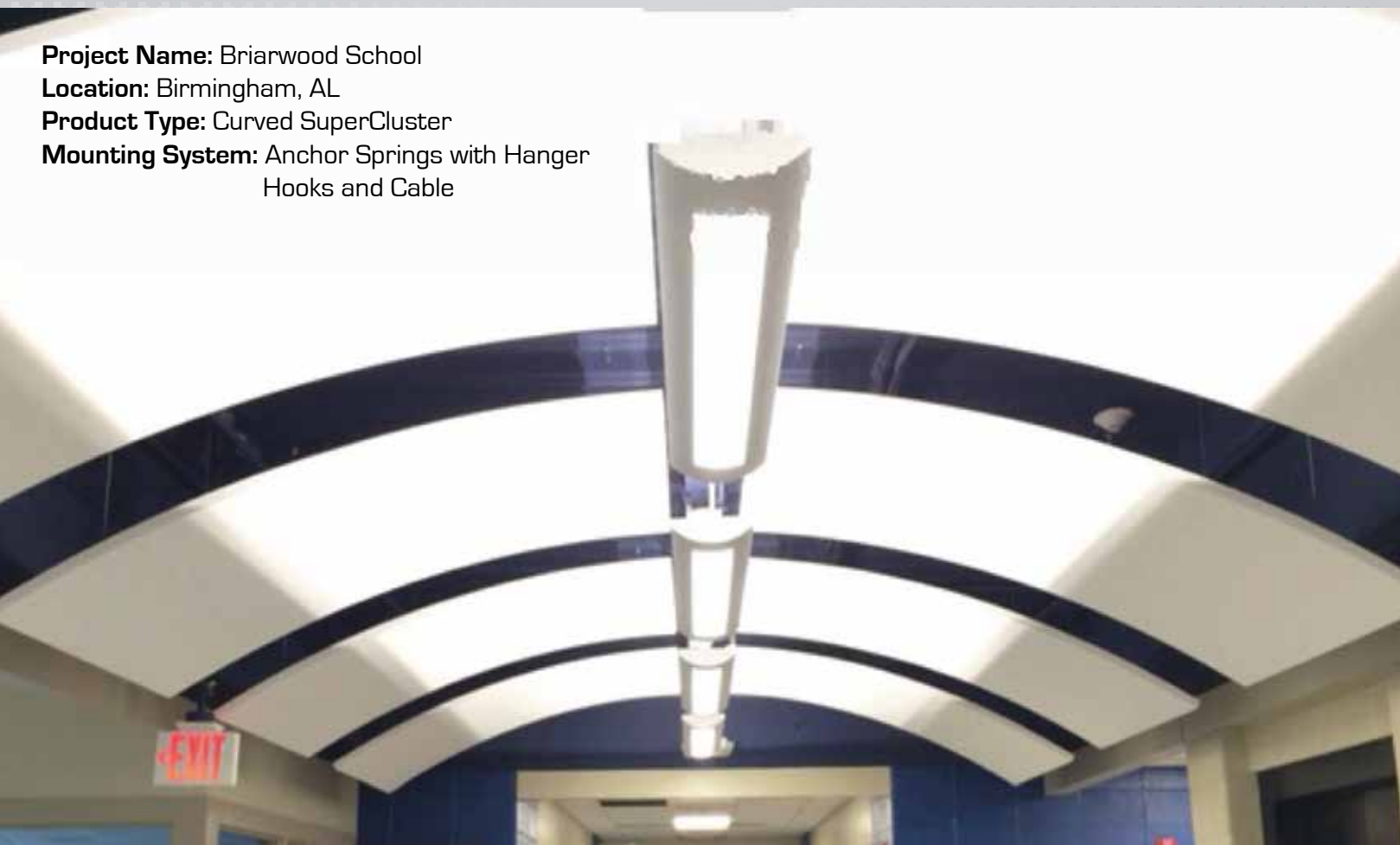
Project Name: Briarwood School
Location: Birmingham, AL
Product Type: Curved SuperCluster
Mounting System: Anchor Springs with Hanger
Hooks and Cable

Project Name: Bell
Location: Mississauga, ON
Architect: BurdiTlek
Product Type: SuperCluster (Modified)
Mounting System: Aptus

Project Name: Vellore Village Library
Location: Vaughan, ON
Architect: Johnsrug Architects
Product Type: SuperCluster
Mounting System: Anchor Springs with Hanger Hooks and Cable

Stratus

HIGH AESTHETIC COMMERCIAL
CEILING TILES

STRATUS

Lay-in ceiling panels are manufactured to all commercial ceiling tile sizes and in custom sizes. They are available in paint and fabric finishes.

FEATURES:
- Aura White in a Coated Fine Texture Finish
- Square and Tegular Edge Profile. Any other custom Edge Profile is available

FABRIC

Selected fabric finish is also available for the Stratus Lay-in panel. The fabric is bonded to the face and edges of the panel, and returned with a minimum of one inch on the back of the panel.

AURA WHITE

The Stratus Aura White coating has been scientifically formulated to provide excellent light reflectance of 90% and light diffusion in a ceiling. It's an acoustically transparent coating in a coated fine texture finish.

CUSTOM COLOR

The Stratus Lay-in coated panels are also available in any custom color with the same acoustical transparent coated fine texture finish. Selected color can be matched to any paint chip specified by the designer.
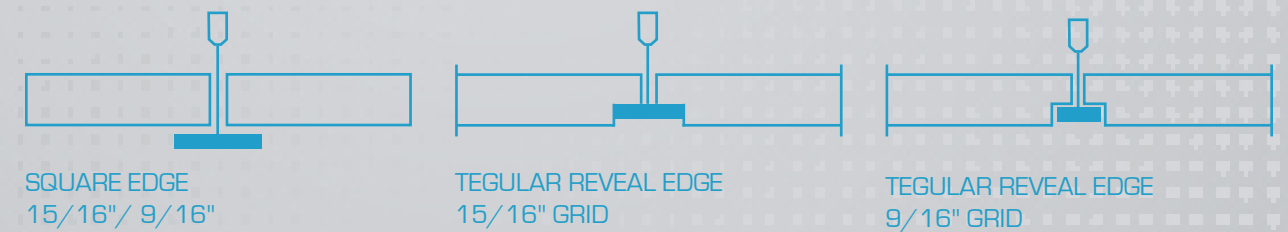
EDGE DETAIL FOR BOTH PAINTED AND FABRIC STRATUS

SQUARE EDGE
15/16"/ 9/16"

TEGULAR REVEAL EDGE
15/16" GRID

TEGULAR REVEAL EDGE
9/16" GRID

COMMERCIAL CEILING TILES

FEATURES:
Excellent aesthetics, acoustical absorption, optimum light reflection, cleanability and durability, including impact, scratch, sag, moisture and soil resistance. Inherent resistance to surface growth of mold and mildew Custom sizes and oversized panels available.

PANEL TYPES:
- Square Lay-in for 15/16" T-bar Suspension System
- Tegular/Reveal for 9/16" T-bar Suspension System
- Tegular/Reveal for 15/16" T-bar Suspension System

PANEL COMPOSITION:
Fiberglass Coreboard + Acoustical Veil

NOMINAL THICKNESS:
3/4" (19mm), 1" (25mm) and 2" (50mm) Custom thicknesses are available.

FINISH:
- Aura White in a smooth monolithic painted fine texture finish
- Selected fabrics
- Custom color paint

EDGES:
- Tegular edge are resin hardened and painted in pure white, custom colors or fabric finish.
- Lay-In edges are unfinished

BACK OF PANEL:
Optional Vapour Barrier

LIGHT REFLECTANCE:
90% for Aura White when tested to ASTM

ACOUSTICAL ABSORPTION:
NRC 0.90 when tested to ASTM C423 Standard Type E400 Mounting

FIRE PERFORMANCE:
- Class A - ASTM E84 Standard
- Flame spread less than 25
- Smoke developed less than 50

SIZES:
- 24"x24 (610mm x 610mm)
- 24"x48" (610mm x 1220mm)
- 24"x60" (610mm x 1525mm)
- 24"x72" (610mm x 1830mm)
- 24"x96" (610mm x 2440mm)
- 30"x30" (760mm x 760mm)
- 30"x60" (760mm x 1525mm)
- 48"x48" (1220mm x 1220mm)
- 48"x60" (1220mm x 1525mm)
- Custom Sizes Available

WARRANTY:
10 years

Project Name: Continental Grain
Location: New York, NY
Architect: TED MOUDIS ASSOCIATES
Product Type: Stratus
Mounting System: Lay-in Tegular Edge

Project Name: Institutional Investor
Location: New York, NY
Architect: TED MOUDIS ASSOCIATES
Product Type: Stratus
Mounting System: Lay-in Tegular Edge

Nexus

ACOUSTICAL AND HIGH IMPACT
RESISTANT FABRIC OR COATED
CEILING AND WALL PANELS

NEXUS panels are our standard resin hardened edge panels with selected fabric or paint finish. They can be customized to be installed on walls or ceilings with our various mounting systems. They are custom manufactured to a wide variety of curves, shapes and sizes to the designer's specifications.
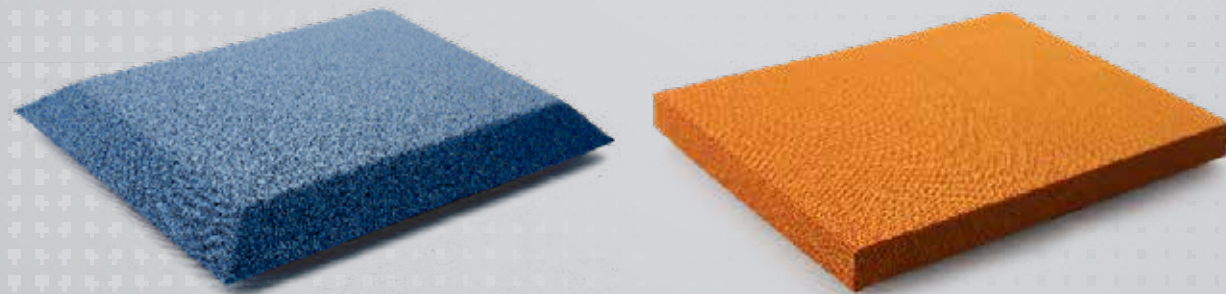
NEXUS FABRIC PANELS:
• Acoustical
• Contact
  • Hi-Impact
  • Hi-Impact PLUS
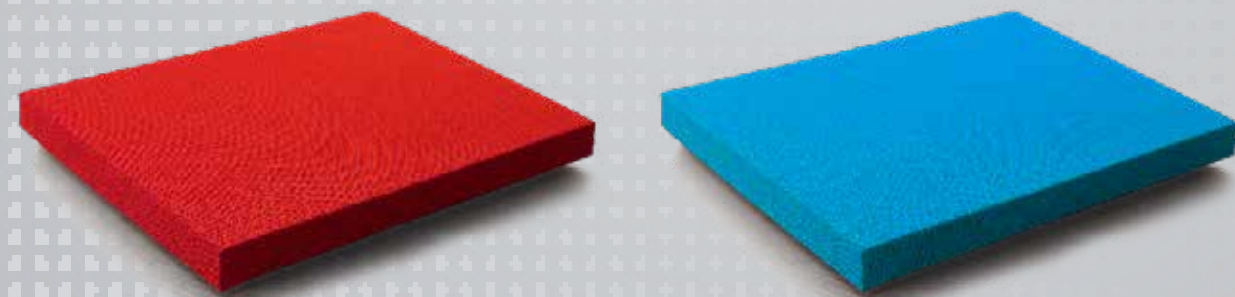 • Nova

NEXUS COATED PANELS:
• Contemporary

EDGE DETAIL:

Square   Radius   Bevel   Miter   Tegular

CONTACT WALL PANELS are used where they may suffer accidental contact. Be it bumps, dings, or impact, we have a solution to the specific needs of the area and space used.

HI-IMPACT panels are used for those areas that require added protection. All our Acoustical panels and Contact panels can be manufactured with a high density facer (HDF), which will give additional durability and tackability to the panels.

ACOUSTICAL
Panel Composition:
• Medium Density Fiberglass Core 6-7 PCF
• Choice of Fabric
Recommended Use:
• Areas where panels are not likely to receive abuse or impact.
• Above head height

HIGH IMPACT
Panel Composition:
• Medium Density Fiberglass Core 6-7 PCF
• High Density Fiberglass Facer (HDF)
• Choice of Fabric
Recommended Use:
• Added protection to panels
• Areas where slight abuse or impact may occur.
• Tackability

HIGH IMPACT PLUS
Panel Composition:
• Medium Density Fiberglass Core 6-7 PCF
• Medium Density Scrim
• Choice of Fabric
Recommended Use:
• Hallways and Corridors
For added protection, HDF can be applied

NEXUS FABRIC PANELS
Selected fabric is bonded or stretched applied over the face of the panel and edge turned with a minimum of 1" (25mm) on the reverse of the panel. The panel corners are tailor finished to give a clean appearance.

HIGH IMPACT ULTIMATE
Panel Composition:
• Medium Density Fiberglass Core 6-7 PCF
• High Density Scrim
• Choice of Fabric
Recommended Use:
• Gymnasium
For added protection, HDF can be applied

NOVA
Panel Composition:
• Medium Density Fiberglass Core 6-7 PCF
• Perforated Co-polymer
• Choice of Fabric
Recommended Use:
• Gymnasium
For added protection, HDF can be applied

RECOMMENDED FABRIC:
To allow for optimal acoustics in our panels, we recommend the following fabric manufacturers:
Guilford of Maine, Carnegie, Maharam, Omnova
*If required, subject to approval, designer's fabric selection could be used.

CONTEMPORARY PANELS:

Coated veil is bonded over the face of the panels and edge turn with a minimum of 1" (25mm) on the reverse of the panel. Custom color can be matched to any paint chip specified by the designer. The Aura white coating has been scientifically formulated to provide an excellent light reflectance of 90%. It has an acoustically transparent coating with a smooth monolithic finish.

EDGE DETAIL:

Square   Radius   Bevel   Miter   Tegular
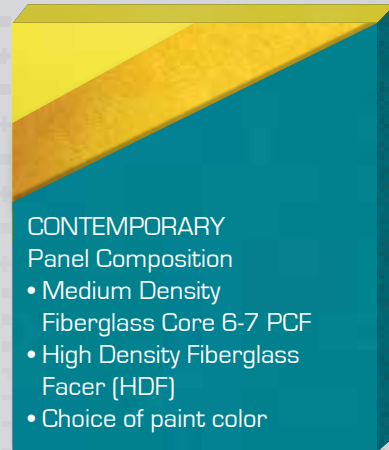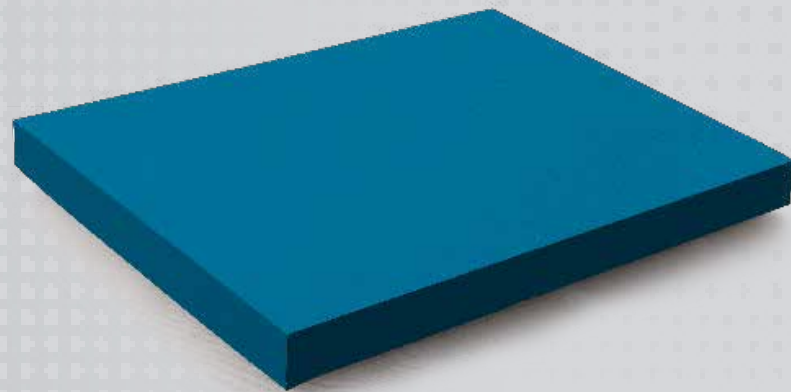
CONTEMPORARY
Panel Composition
• Medium Density
   Fiberglass Core 6-7 PCF
• High Density Fiberglass
   Facer (HDF)
• Choice of paint color

ACOUSTICAL & HIGH IMPACT RESISTANT

FEATURES:
Nexus panels are resin hardened edges, choice of fabric or paint.

MAXIMUM CORE SIZES:
• 48" x 96" (1220mm x 2440mm)
   (recommended size)
• 48" x 120" (1220mm x 3050mm)
• 60" x 120" (1525mm x 3050mm)

PANEL COMPOSITION:
Medium Density 6-7 PCF Fiberglass

PANEL EDGE:
Resin Hardened with various edge profiles.

NOMINAL THICKNESS:
3/4" (19mm) up to 4" (100mm)
Custom thicknesses are available

ACOUSTICAL ABSORPTION:
NRC 0.90 when tested to ASTM C423 Standard Type E400 Mounting

FIRE PERFORMANCE:
• Class A - ASTM E84 Standard
• Flame spread less than 25
• Smoke developed less than 50

WARRANTY:
2 years

MOUNTING SYSTEMS

WALL MOUNTING:

MECHANICAL Z-CLIP
Pre-fastened panel clips are engaged to wall brackets or track. The bottom of the panel is supported by leveling angles.

IMPALING CLIP
Impaling clips are fastened to substrate within the panel size. Adhesive is applied to the wall and panels. Panels are punctured against the impaling clips. The bottom of the panel is supported by leveling angles.

HOOKS & LOOPS
Hooks & Loops are fastened to substrate and panel. The bottom of the panel is supported by leveling angles.

ADHESIVE MOUNT
Adhesive is applied to substrate and panel. Finishing nails are used on the face of panel and substrate. The bottom of the panel is supported by leveling angles.

CEILING MOUNTING
* refer to Aura Mounting Systems in brochure for details

• DIRECT MOUNT
• DIRECT SUSPENDED MOUNT
• SUSPENDED REVEAL
• SUSPENDED ACCESSIBLE REVEAL

Project Name: Marriot Markham
Location: Markham, ON
Architect: II BY IV Design Associates
Product Type: Nexus Perforated Vinyl

Project Name: Hotel Monaco
Location: Pittsburgh, PA
Product Type: Nexus (Graphic)
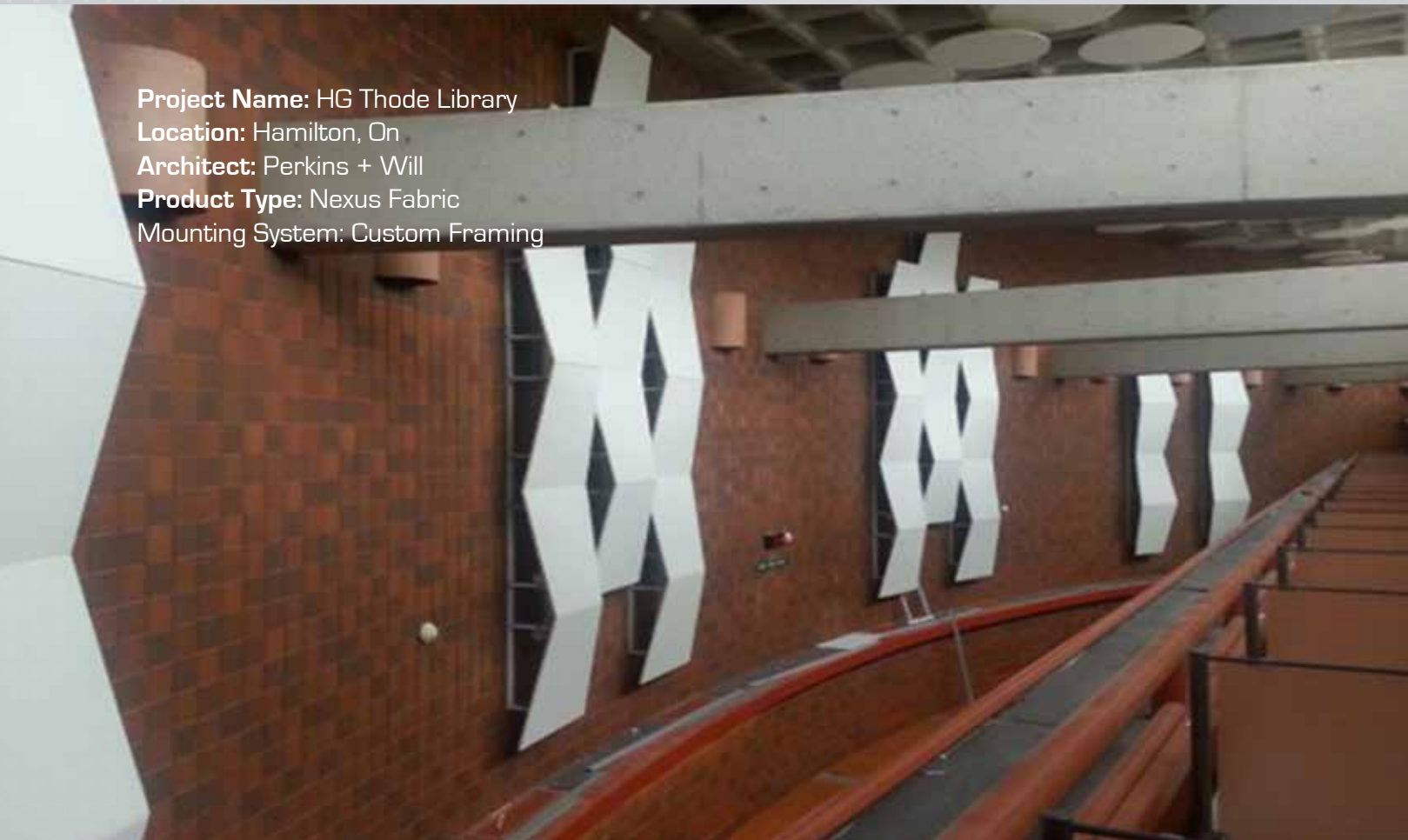**Mounting System:** Impaling Clips

Project Name: Highland Halls
Location: Scarborough, ON
Architect: Perkins + Will Canada
Product Type: Nexus Fabric
Mounting System: Mechanical Z-Clip

Project Name: HG Thode Library
Location: Hamilton, On
Architect: Perkins + Will
Product Type: Nexus Fabric
Mounting System: Custom Framing

Project Name: Metro Convention Center
Location: Toronto, ON
Product Type: Nexus Fabric
Mounting System: Mechanical Z-Clip

Project Name: Boston University
Location: Boston, MA
Architect: Payette
Product Type: Nexus Fabric – Curved
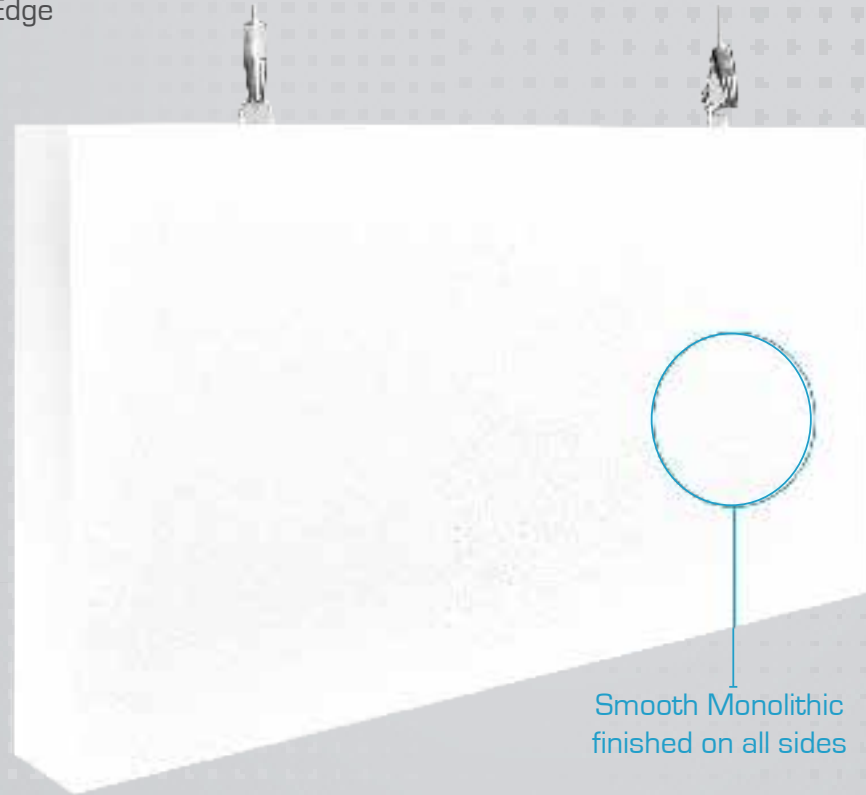**Mounting System:** Mechanical Z-Clip

Baffles

ACOUSTICAL ABSORPTION BAFFLES

BAFFLES

Sky Acoustics Baffles reduce the background noise and quickly causes the sound energy to decay, thus enhancing the auditory environment in the space.

COATED BAFFLES:
• Acoustical Veil Veneered Edges
• Seamless Edge

Smooth Monolithic
finished on all sides

AURA WHITE

Sky Acoustics Aura White Coated baffles are acoustically transparent and finished in a smooth monolithic fine texture. It has been scientifically formulated to provide a brilliant light reflectance of 90%. The coated baffles are finished on all surfaces and edges to give the baffles a complete seamless finish.

CUSTOM COLOR

The coated baffles are also available in any custom color with the same acoustically transparent coating in a smooth monolithic fine texture finish. Custom colors could be matched to any paint chip specified by the designer.

COATED BAFFLES SUSPENSION:
• Factory installed anchor springs are fastened to the top edge of the baffles and clipped to an adjustable hanger hook with aircraft cable.
• Factory installed D-Rings are fastened to the top edge of the baffle. An adjustable hanger hook with aircraft cable can be used or an S-Hook with chain (by others).

FABRIC BAFFLES

Two 1" (25mm) medium density fiberglass panels are bonded together with selected fabric. The fabric is bonded or stretch applied over the surface, edge turned and fixed together. The bottom of the baffle is seamless. The panel corners are tailor finished to give a clean look and appearance. An optional seamless edge is available to cover the sides of the baffle.

RECOMMENDED FABRIC:

To allow for optimal acoustics in our panels, we recommend the following fabric manufacturers:
• Guilford of Maine
• Carnegie
• Maharam
• Omnova
*If required, subject to approval, the designer's selection could be used.

Standard Fabric Baffle
with two 1" (25mm) panels

Seamless Edge 2" (50mm)
Fabric Baffle

STANDARD FABRIC BAFFLE SUSPENSION
• Factory installed D-Rings are fastened to the top edge of the baffle. An adjustable hanger hook with aircraft cable can be used or an S-Hook with chain (by others).

SEAMLESS BAFFLES SUSPENSION:
• Factory installed anchor springs are fastened to the top edge of the baffles and clipped to an adjustable hanger hook with aircraft cable.
• Factory installed D-Rings are fastened to the top edge of the baffle. An adjustable hanger hook with aircraft cable can be used or an S-Hook with chain (by others).

ACOUSTICAL ABSORPTION BAFFLES

FEATURES:
Sky Acoustics Baffles reduce the background noise and quickly cause the sound energy to decay, thus enhancing the auditory environment in the space.

PANEL TYPES and SIZES:
Custom size, shape and curve available
- Coated Baffles
  72"x48" (1830mm x 1220mm)
  96"x24" (2440mm x 610mm)
- Fabric Baffles
  72"x48" (1830mm x 1220mm)
  96"x24" (2440mm x 610mm)

PANEL COMPOSITION:
- Coated Baffles
  1" (25mm) or 2" (50mm) Medium Density Fiberglass Core board + High Density Fiberglass Facer applied to front and back surfaces + Acoustical Veil on front and back surfaces and veneered on all edges
- Fabric Baffles
  Two 1" (25mm) Medium Density Fiberglass Core board + Specified Fabric

THICKNESS:
Custom thickness available
- Coated Baffles
  1-5/8" (42mm), 2" (50mm) or 2-1/8" (54mm)
- Fabric Baffles
  2" (50mm)

FINISH:
- Coated Baffles
  Painted Aura White in a smooth fine texture surround. Custom colors are also available
- Fabric Baffles
  Specified acoustical fabric properties recommended

EDGES:
- Coated Baffles
  Resin hardened edges and acoustical veil veneering detailing
- Fabric Baffles
  Resin hardened edges. Top of the Baffle is metal edged and concealed by fabric for D-Ring installation.

MOUNTING:
- Coated Baffles
  D-Rings or Anchor Spring factory installed in resin spots.
- Fabric Baffles
  D-Rings factory installed onto metal edge.
- Seamless Edge Fabric Baffles
  D-Rings or Spiral Spring Anchor factory installed in resin spots.

Project Name: Hotel X Sports Complex
Location: Toronto ON
Architect: NORR Limited
Product Type: Baffles Coated
Mounting System: Custom Clip with T-Bar Suspension
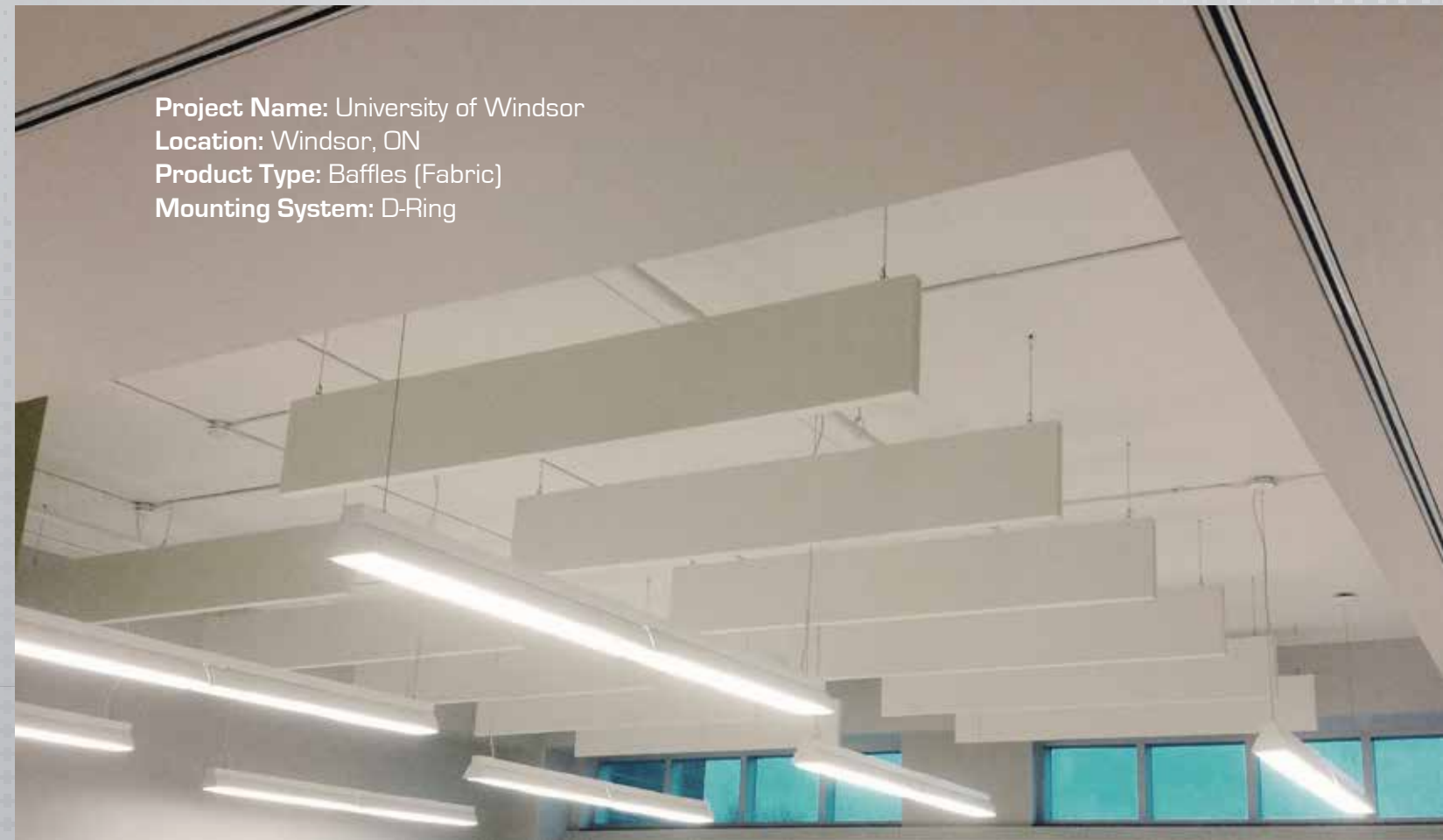
Project Name: University of Windsor
Location: Windsor, ON
Product Type: Baffles (Fabric)
Mounting System: D-Ring

Project Name: Malden Police Headquarters
Location: Malden, MA
Architect: Flansburgh Architects
Product Type: Baffles: Coated (Custom Oversize 18' long)
Mounting System: Custom Framing with Threaded Rod

Project Name: Highland Hall
Location: Toronto, ON
Architect: Perkins + Will Canada
Product Type: Baffles Fabric
Mounting System: D-Rings

Legno

ACOUSTICAL CUSTOM WOOD FINISH

LEGNO

Sky Acoustics' Legno micro perforated Acoustical panels come with a wood veneer finish.
Micro perforations on Legno panels allow sound energy to be absorbed into the panels and still
maintain the visual look of wood.
Most of the available wood veneers can be applied to all of Sky Acoustics' product lines and finished
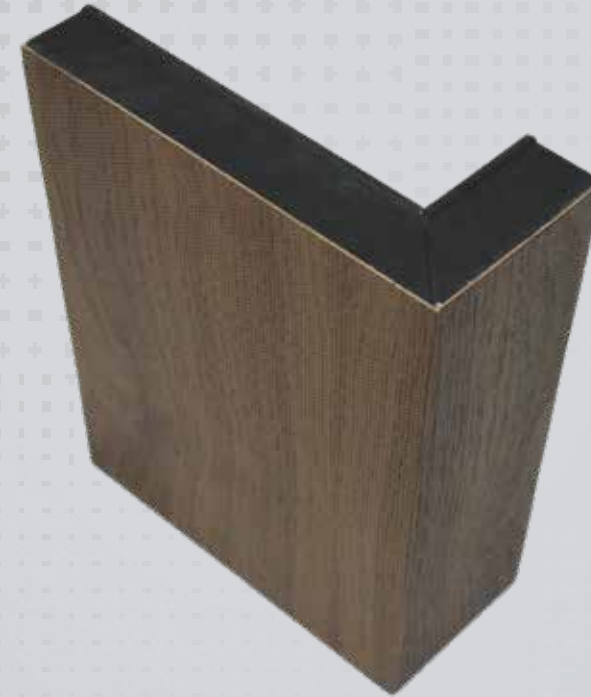with a clear lacquer top coat or architect specified stain.
Sky Acoustics has several ceiling and wall mounting options available to suit the design requirements.

DESIGN RETURN

Built-Up returns are used to create a visual impression of depth and thickness to a floating ceiling.
Seamless design returns are available up to 6" (150mm). Custom height is available.

AURA

Curved ceiling panel available and in any
geometric or complex shapes

SUPERCLUSTER

Acoustical clouds in wood veneer finished in all
sides of the panel are available in various sizes
and shapes in flat or pre-curved

NEXUS

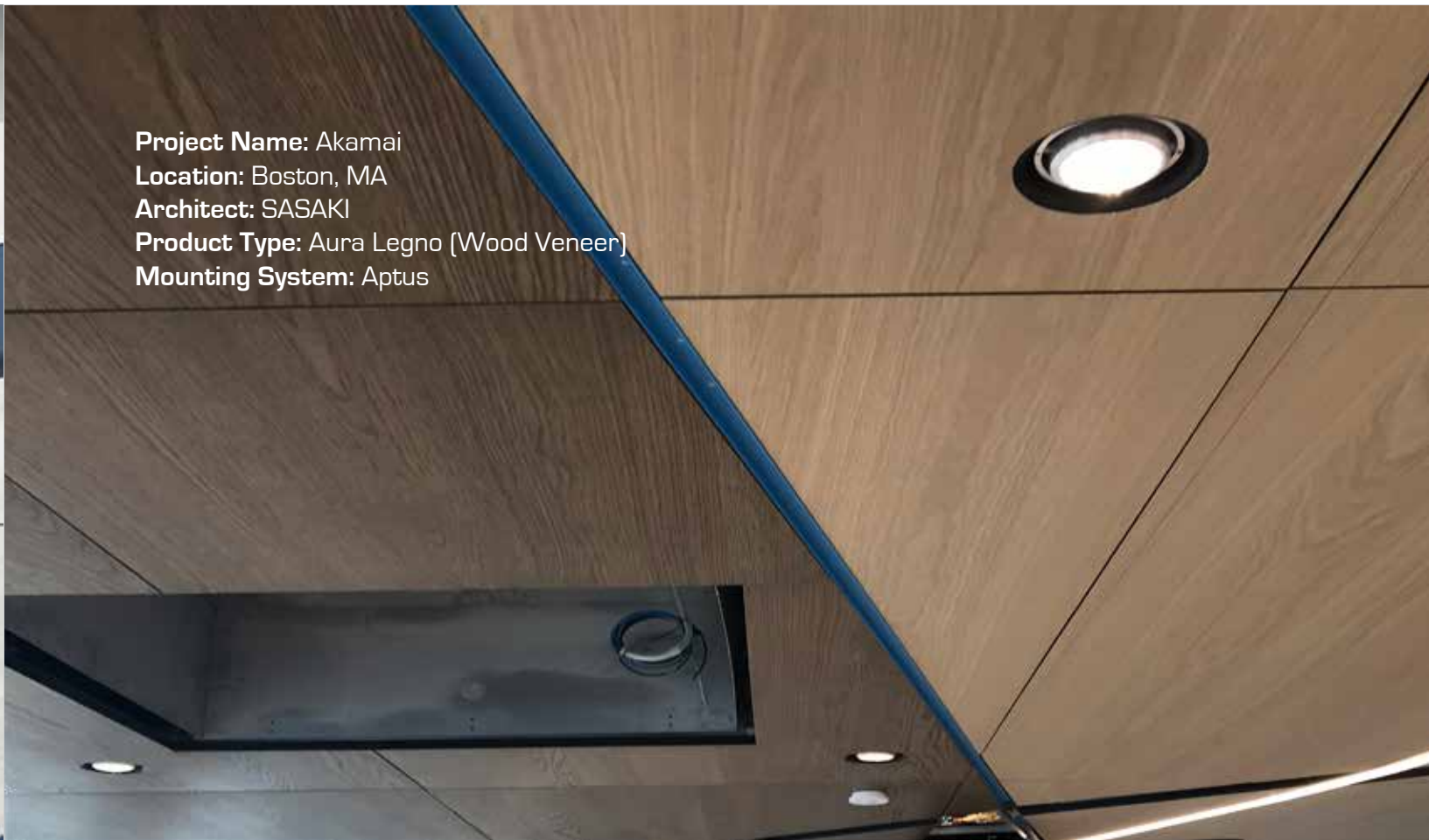Acoustical panels can be customized to various
sizes, shapes and curves

BAFFLES

Reduces the background noise and quickly decays
the sound energy, thus enhancing the auditory
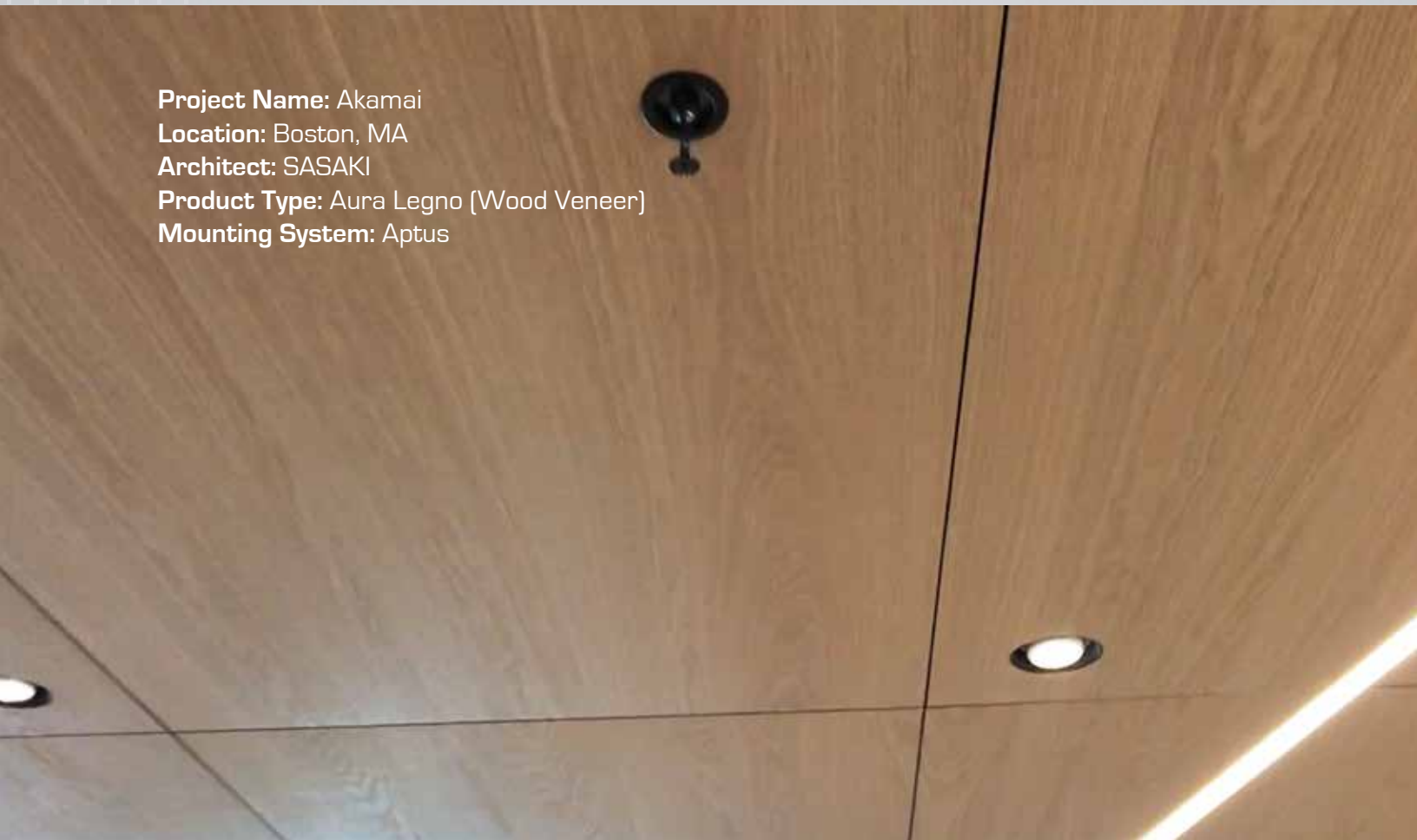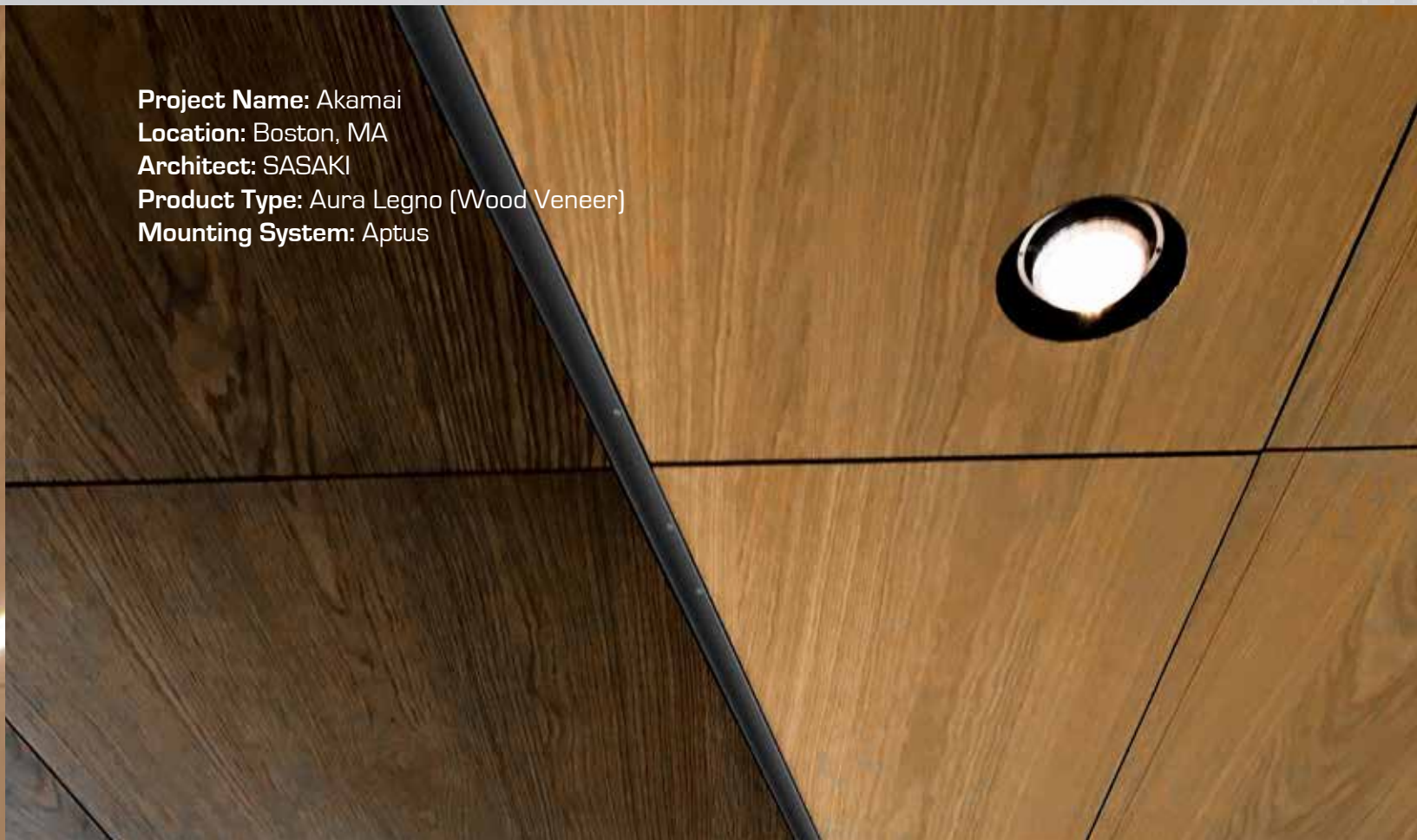environment in the space.

Project Name: Akamai
Location: Boston, MA
Architect: SASAKI
Product Type: Aura Legno (Wood Veneer)
Mounting System: Aptus

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Location: Boston, MA
Architect: SASAKI
Product Type: Aura Legno (Wood Veneer)
Mounting System: Aptus

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