Atkar
beyond expectations

North America

Au.diSlat™ data sheet

Product Description
A distinctive 3 dimensional effect is created by the individual members of the Au.diSlat panel. Separate pre-finished wood slats are mounted in a modular panel array which, as an option, can be treated acoustically with our Integrated Acoustic Fabric (IAF). Recessed fastening points are provided allowing the panel to be screw fixed to a conventional furring channel or T-bar system, and when installed, a linear effect is created.

Installation System
Integral Fastening Points for Screw Mounting

Product Features & Variations
− Extensive range of wood veneer, solid wood, decorative laminate, and paint finishes available.
− Standard IAF is black. Also available in white, a variety of custom colours, or no IAF for open ceiling designs or ventilation.
− Standard module width of 305mm (12")
− Standard panel lengths of 2413mm (95") and 3023mm (119"). Custom panel lengths up to 3632mm (143"), sold in 305mm (12") increments.
− Panels are designed to maintain 25mm (1") expansion joints between panels.
− Integral recessed fastening points are located to line up with common T-bar and furring centres.
− Standard selection of Grille and Linear slat configurations. Custom designs available through design coordination with Atkar Technical Staff.
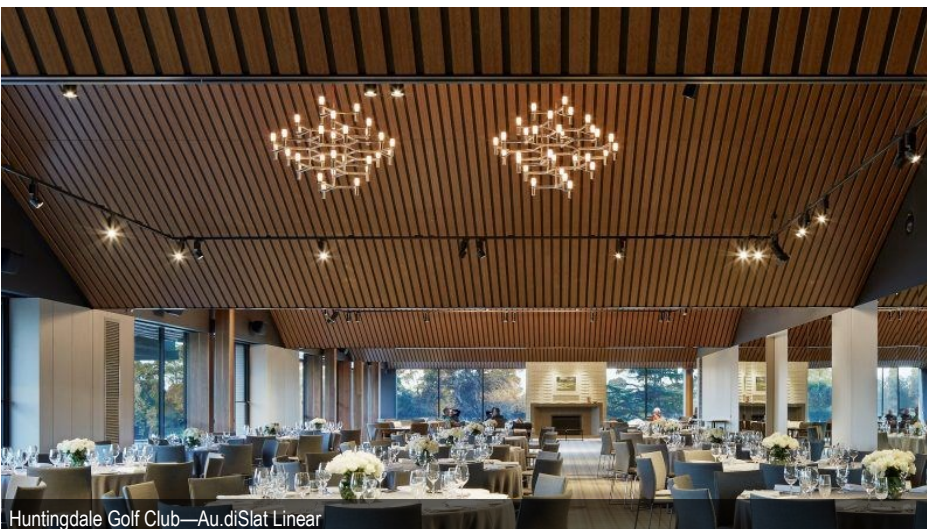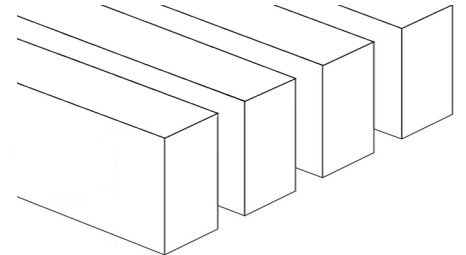

York University New Student Centre—Au.diSlat Grille

Slat Orientations
− Au.diSlat Linear: **AX**(insert code)**L** is constructed with slats attached on the flat side to the supporting structure.
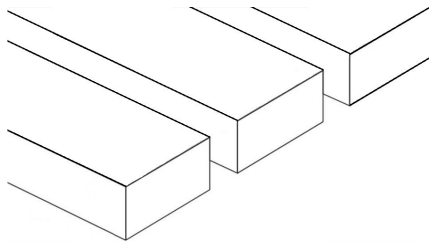
− Au.diSlat Grille: **AX**(insert code)**G** is constructed with slats attached on the edge to the supporting structure.

Huntingdale Golf Club—Au.diSlat Linear

Sustainability
Refer to Atkar Environmental Data Sheet. Consult Atkar Technical Staff to determine which LEED credits will be available for specific projects.

Fire Rating
Standard Au.diSlat components meet or exceed Class C fire rating. If Class A fire rating is required, all components of the panel will conform to CAN/ULC test standards.
− Composite Cores: CAN/ULC-S102 Class A
− Solid Wood: CAN/ULC-S102 Class A
− Backers/Dowels: CAN/ULC-S102 Class A
− Standard IAF: CAN/ULC-S102 Class A

05-13-2021

Due to continual product improvement, the information in this publication is subject to alteration without notice.

Atkar
beyond expectations

North America

Au.diSlat™ Grille data sheet

Product Description
This versatile product has the most flexibility for various design options, with slat depth being fully customizable.

Installation System
Integral Fastening Points for Screw Mounting

Product Features & Variations
– Standard 19mm (3/4") slat width.
  Also available with 25mm (1") slats width.
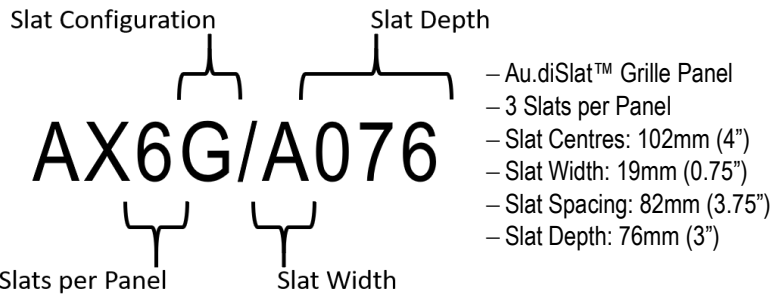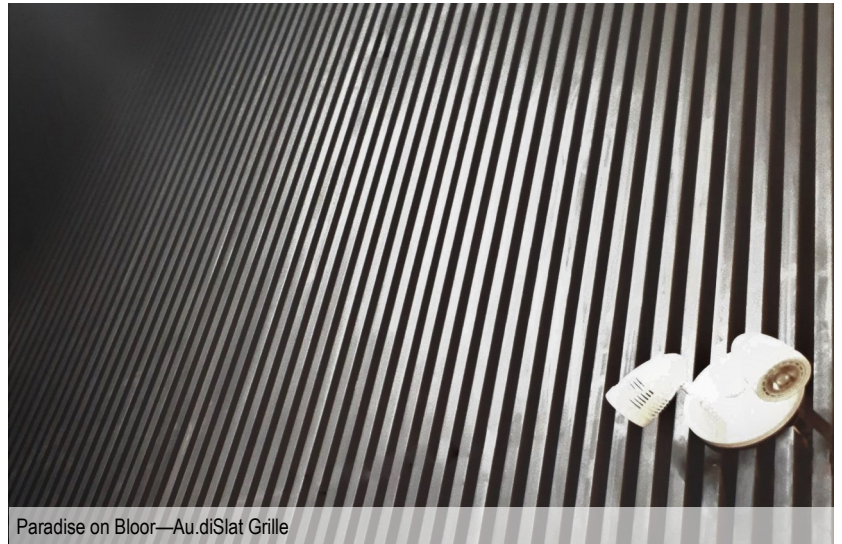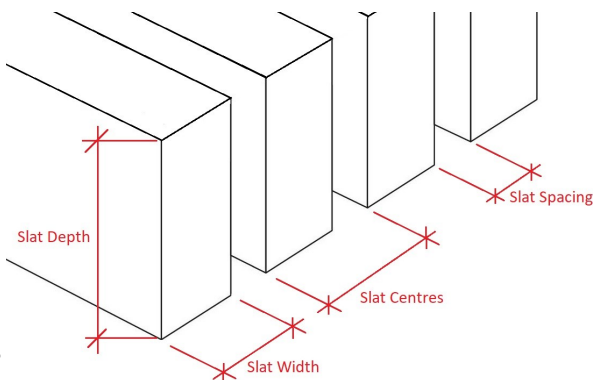– Optional decorative wood dowels.

Acoustics
Because the open area of Au.diSlat™ Grille panels is typically >50% (except for AX8), they are considered acoustically transparent, so the acoustic value of the panel will be similar to the acoustic value of the insulation installed behind it. Acoustic duct liner blankets or boards, can be purchased through Atkar or a local vendor. Typical NRC values for fibreglass duct liner insulation are:

– 0.5": 0.50 NRC   – 1.5": 0.80 NRC
– 1.0": 0.70 NRC   – 2.0": 0.95 NRC

How to Specify
– Slats per Panel
> – 2 x number of slats
> – E.g. 6 slats = 12
– Slat Configuration
> – G = standard Grille panel
> – GD = Grille panel with optional decorative dowels
– Slat Width
> – A = 19mm (0.75") nominal slat width
> – B = 25mm (1") nominal slat width—required for panels with optional decorative dowels (code: GD)
– Slat Depth
> – Slat depth in mm, 3 digits
> – e.g. 76mm (3") = 076; 102mm (4") = 102

Paradise on Bloor—Au.diSlat Grille

Slat Configuration   Slat Depth

AX6G/A076

Slats per Panel   Slat Width

– Au.diSlat™ Grille Panel
– 3 Slats per Panel
– Slat Centres: 102mm (4")
– Slat Width: 19mm (0.75")
– Slat Spacing: 82mm (3.75")
– Slat Depth: 76mm (3")

Slat Depth
Slat Spacing
Slat Centres
Slat Width

University of Toronto Mississauga Kaneff Centre—Au.diSlat Grille

05-13-2021

Atkar North America
1276 Osprey Drive
Ancaster ON L9G 4V5
T 905 648 7580
W atkar-na.com

Atkar
beyond expectations

North America

Au.diSlat™ **Grille** data sheet

One Heart Centre—Au.diSlat Grille

Slat Width A: 19mm (0.75")										
Open Area	Slat Centres	No. of Slats	Depth of Slat	38mm (1.5")	51mm (2")	64mm (2.5")	76mm (3")	89mm (3.5")	102mm (4")	127mm (5")
			Code	038	051	064	076	089	102	127
87.5%	152mm (6")	2	**AX4G**			X	X	X	X	X
81.3%	102mm (4")	3	**AX6G**		X	X	X	X	X	X
75.0%	76mm (3")	4	**AX8G**		X	X	X	X	X	
62.5%	51mm (2")	6	**AX12G**	X	X	X	X	X		
50.0%	38mm (1.5")	8	**AX16G**	X	X					
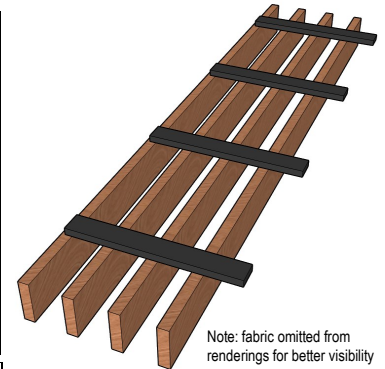
Slat Width B: 25mm (1")										
Open Area	Slat Centres	No. of Slats	Depth of Slat	38mm (1.5")	51mm (2")	64mm (2.5")	76mm (3")	89mm (3.5")	102mm (4")	127mm (5")
			Code	038	051	064	076	089	102	127
83.3%	152mm (6")	2	**AX4[G or GD]**			X*	X*	X*	X*	X*
75.0%	102mm (4")	3	**AX6[G or GD]**		X	X*	X*	X*	X*	X*
66.7%	76mm (3")	4	**AX8[G or GD]**		X	X*	X*	X*	X*	
50.0%	51mm (2")	6	**AX12G**	X	X	X	X	X		
33.3%	38mm (1.5")	8	**AX16G**	X	X					
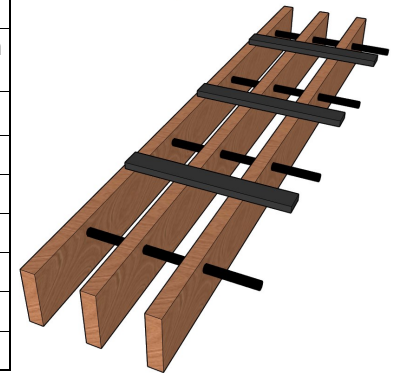
*Can also include a decorative wood dowel (code: AX_GD instead of AX_G)

Note: fabric omitted from renderings for better visibility

AX4G AX6G AX8G

AX12G AX16G

Due to continual product improvement, the information in this publication is subject to alteration without notice.

Au.diSlat™ Linear data sheet
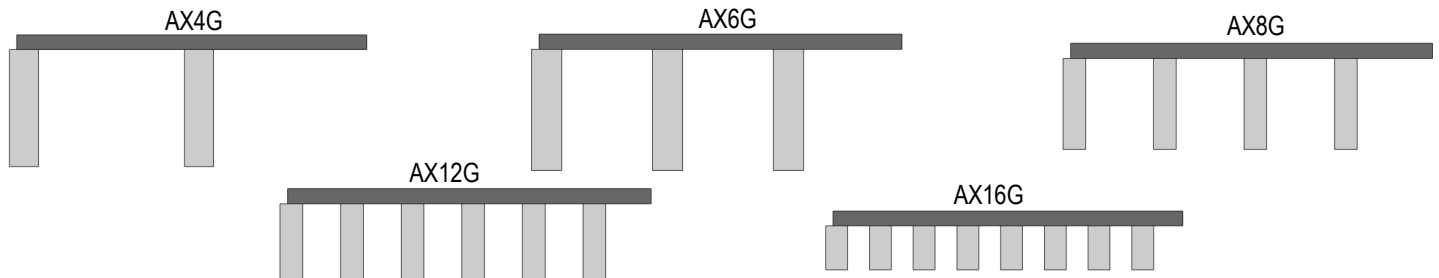
Product Description
This popular product provides a simple, modular solution for simple but attractive linear wood ceilings.
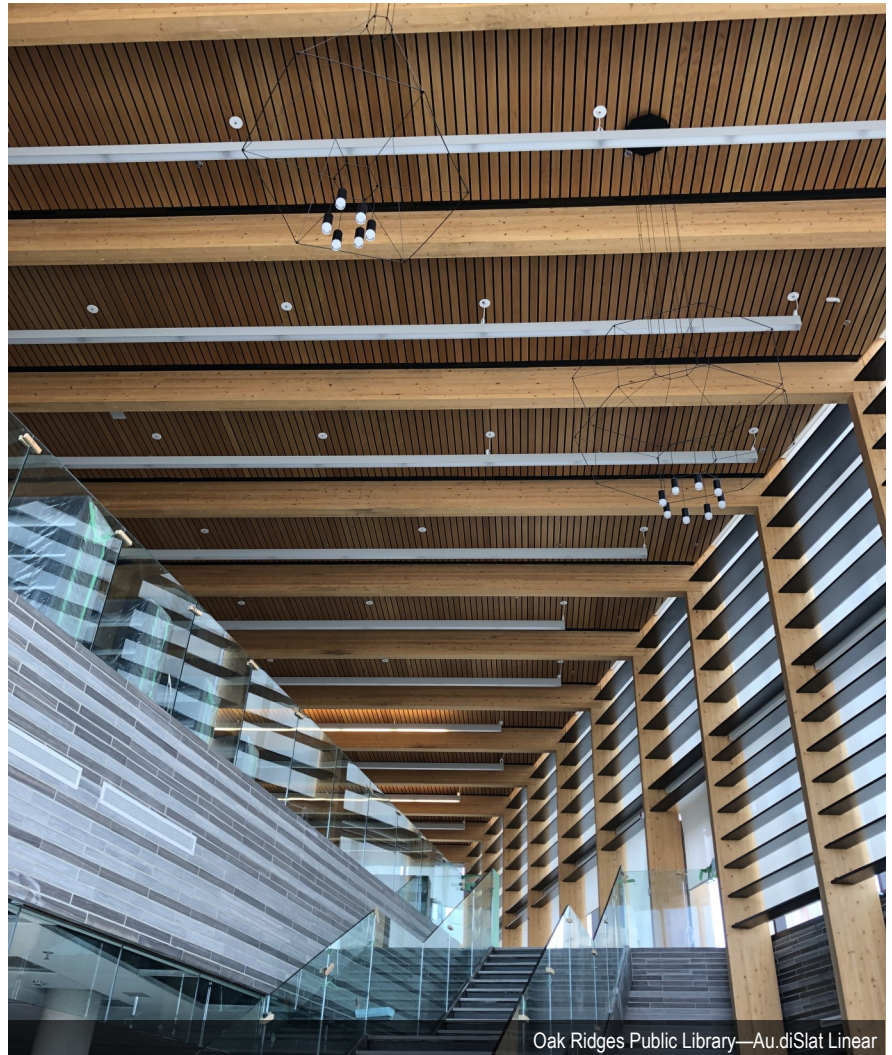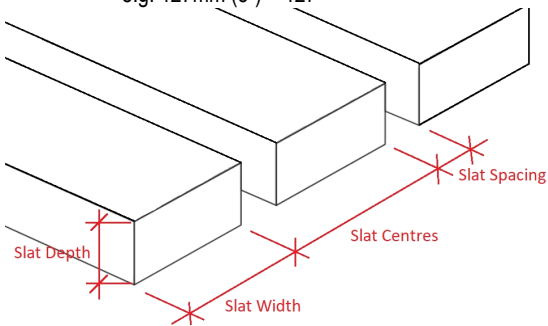
Installation System
Integral Fastening Points for Screw Mounting

Product Features & Variations
− Standard 19mm (0.75") slat spacing.
  Optional 25mm (1") slat spacing available.

How to Specify
− Slats per Panel
  − 2 x number of slats (2, 3, or 4 slats)
− Slat Configuration
  − L = standard Linear panel
− Slat Spacing
  − A = 19mm (0.75") space between slats
  − B = 25mm (1") space between slats
− Slat Width
  − Slat Width in mm, 3 digits
  − e.g. 83mm (3.25") = 083
  − e.g. 127mm (5") = 127

Oak Ridges Public Library—Au.diSlat Linear

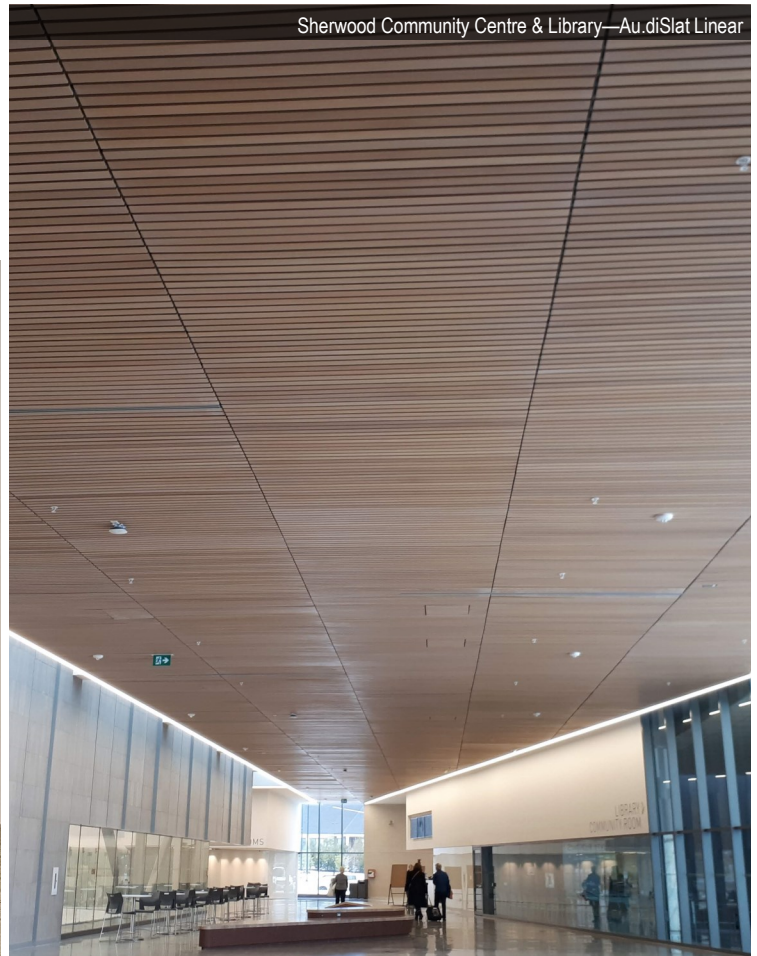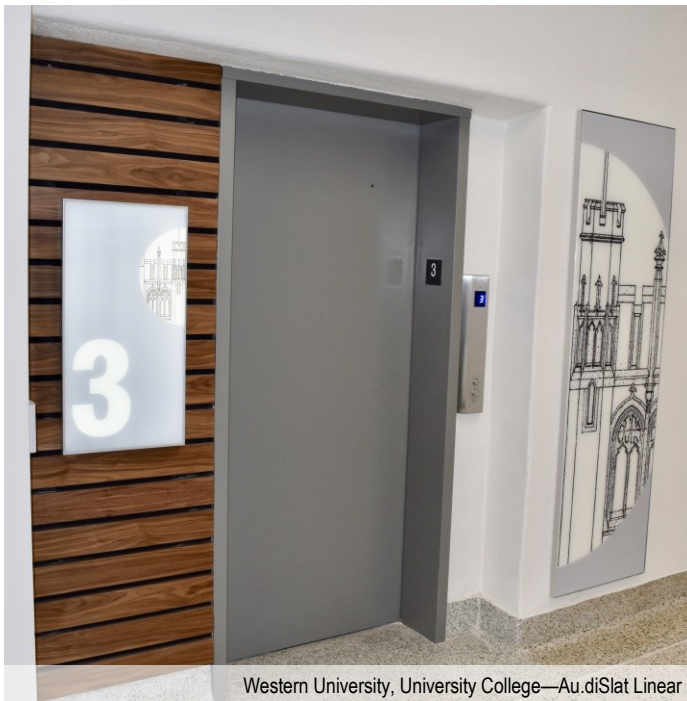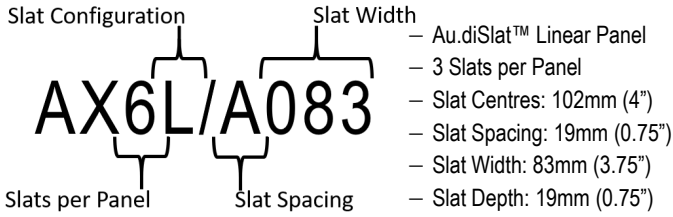Temagami First Nation Multi-Use Facility—Au.diSlat Linear

Acoustics
In order to approve sound absorption capabilities, your Au.diSlat™ Linear panels can be specified along with acoustic insulation. Acoustic duct liner blankets or boards, can be purchased through Atkar or a local vendor. Some NRC values are provided below as a guide; however, there are many more factors contributing to the NRC value of a product, that must be considered on a per project basis.
− Type 'A' mounting, no insulation
  − Negligible
− E400, no insulation
  − ~0.20 NRC
− E400 or Type 'A' mounting, 1.5" fibreglass duct liner
  − <18% Open Area: ~0.45 NRC
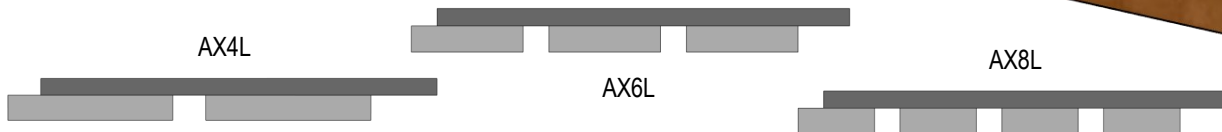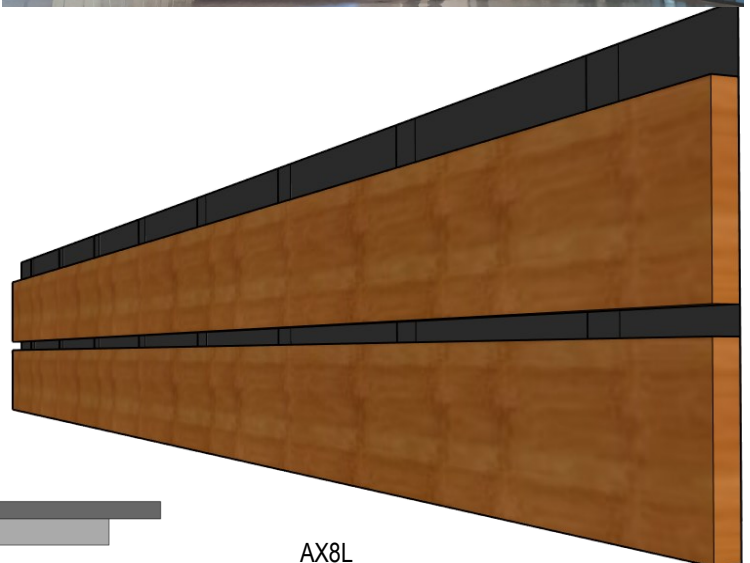 − 18%-30% Open Area: ~0.65 NRC
  − >30% Open Area: ~0.75 NRC

05-13-2021

Due to continual product improvement, the information in this publication is subject to alteration without notice.

Atkar North America
1276 Osprey Drive
Ancaster ON L9G 4V5
T 905 648 7580
W atkar-na.com

Atkar
beyond expectations

North America

Au.diSlat™ Linear data sheet

Slat Configuration   Slat Width

AX6L/A083

Slats per Panel   Slat Spacing

— Au.diSlat™ Linear Panel
— 3 Slats per Panel
— Slat Centres: 102mm (4")
— Slat Spacing: 19mm (0.75")
— Slat Width: 83mm (3.75")
— Slat Depth: 19mm (0.75")

Sherwood Community Centre & Library—Au.diSlat Linear

Western University, University College—Au.diSlat Linear

Slat Spacing A: 19mm (0.75") Between Slats				
Code	No. of Slats	Slat Centres	Slat Width	Open Area
AX4L/A133	2	152mm (6")	133mm (5.25")	12.5%
AX6L/A083	3	102mm (4")	83mm (3.25")	18.8%
AX8L/A057	4	76mm (3")	57mm (2.25")	25.0%

Slat Spacing B: 25mm (1") Between Slats				
Code	No. of Slats	Slat Centres	Slat Width	Open Area
AX4L/B127	2	152mm (6")	127mm (5.00")	16.7%
AX6L/B076	3	102mm (4")	76mm (3.00")	25.0%
AX8L/B051	4	76mm (3")	51mm (2.00")	33.3%

AX4L

AX6L

AX8L

05-13-2021

Due to continual product improvement, the information in this publication is subject to alteration without notice.

Atkar
beyond expectations

North America

Au.diSlat™ **Custom** data sheet
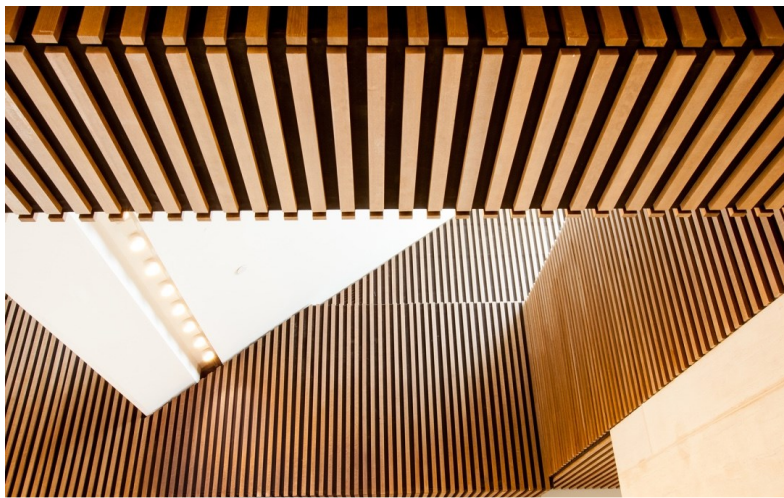
Product Description

The Atkar team is here to help make your design dreams a reality! Book an appointment with Atkar Technical Staff, who will walk you through every step of the design and specification writing.

Au.diSlat Custom opens up a whole realm of possibilities:

– Custom slat sizes

– Custom slat spacing

– Custom slat shapes

– Custom panel sizes

– Custom panel shapes

– Lay-in panels (T-bar applications)

– Flexible/curved panels

– Continuous linear slats

– Large baffle systems

– Custom acoustic fabric backing

Orillia Public Library—Au.diSlat Custom (Linear)

Installation System

Integral Fastening Points for Screw Mounting, or as otherwise designed
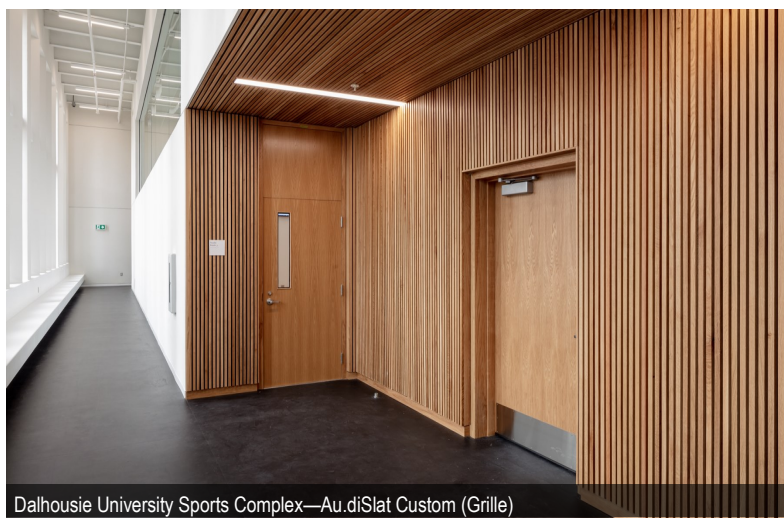
Dalhousie University Sports Complex—Au.diSlat Custom (Grille)

St. John of God Hospital—Au.diSlat Custom (Grille)

Bernie Morelli Recreation Centre—Au.diSlat Custom (Linear)

05-13-2021

Due to continual product improvement, the information in this publication is subject to alteration without notice.