

# Au.diMicro™ data sheet

## Product Description

This incredible product is designed to provide a solid architectural panel appearance while providing the best acoustic performance in the market. The engineered micro perforations are so small they are almost invisible. Due to the innovative SoundPly™ technology used in Au.diMicro™ panels, they do not require any insulation or air gap behind them to achieve the advertised acoustic performance.

## Product Features & Variations

- Select your preferred veneer, stain, or paint to match with other building elements.
- Premium combination of acoustics & aesthetics
- Real-world acoustic performance is guaranteed to match lab-tested performance
- Easy & versatile installation
- Lighter than other acoustic wood panels
- Excellent antimicrobial properties with LR core.
- Available as panels (AM), planks (AMP), tiles (AMT), or baffles (AMB)

## Material Sizes

- Panels & Planks Standard nominal sizes
  - Thickness: 19 (3/4"), 25mm (1"), 38mm (1-1/2"), and 51mm (2")
  - Panel Width: 1219mm (4') and 5124mm (5')
  - Plank Width: 152mm (6"), 203mm (8"), 305mm (12")
  - Length: 2438mm (8') and 3048mm (10')
- Tiles Standard nominal sizes
  - Thickness: 19 (3/4"), 25mm (1"), 38mm (1-1/2"), and 51mm (2")
  - Width: 610mm (2')
  - Length: 610mm (2') and 1219mm (4')
- Baffles Standard nominal sizes
  - Thickness: 38mm (1-1/2") and 51mm (2")
  - Height: 152mm (6"), 203mm (8"), and 305mm (12")
  - Length: 2438mm (8') and 3048mm (10')
- Veneers over 2438mm (8') long are subject to availability
- Contact Atkar Technical Staff for additional material sizes.



## Finish Options

- Natural or Reconstituted Veneers with clear or stain finish
- Paints

## Substrates & Performance

The tables below indicates the performance of the various core and thickness configurations available.

- LR—Recomposed High Density Rock Fibre
- RF—Sintered Resin-Reinforced Glass Wool

Product Type & Code		Thickness	NRC	STC	CAC
Panels, Planks, and Tiles	AM_-LR19	19mm (3/4")	0.70	n/a	n/a
	AM_-LR25	25mm (1")	0.80	n/a	39
	AM_-LR38	38mm (1-1/2")	0.85	n/a	39+
	AM_-LR51	51mm (2")	0.95	n/a	39+
	AM_-RF19	19mm (3/4")	0.70	n/a	43
	AM_-RF25	25mm (1")	0.90	37	46
	AM_-RF38	38mm (1-1/2")	0.95	37+	46+
	AM_-RF51	51mm (2")	1.00	37+	46+
Baffles	AMB-LR38	38mm (1-1/2")	0.70	n/a	n/a
	AMB-LR51	51mm (2")	0.80	n/a	n/a
	AMB-RF38	38mm (1-1/2")	0.70	n/a	n/a
	AMB-RF51	51mm (2")	0.90	n/a	n/a



Corporate Boardroom, Santa Clara CA—Au.diMicro Plank

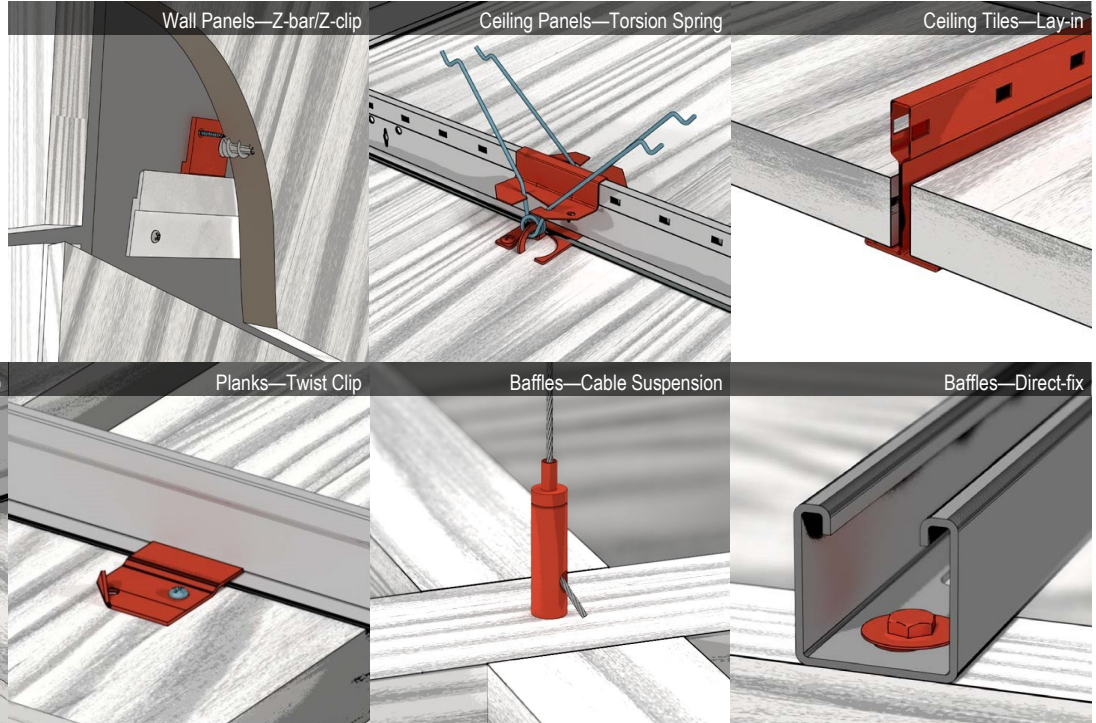
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## Installation Systems

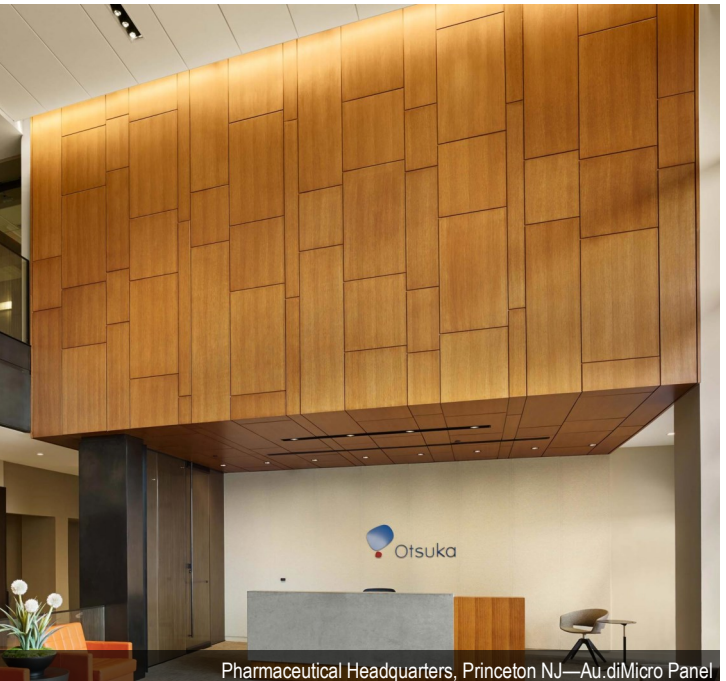
There are a variety of installation systems available with Au.diMicro™ depending on the product type and application. An enclosed cavity or insulation back-loading is not required. Consult Atkar technical staff for additional installation instructions.



## Sustainability

Refer to Environmental Data Sheet for more details. Consult Atkar Technical Staff to determine which LEED credits will be available for your project.

- LR—Recycled Content, Acoustic Performance, and Material Ingredient Disclosure
- RF—Recycled Content, Acoustic Performance, Low-emitting Materials, and Material Ingredient Disclosure



Pharmaceutical Headquarters, Princeton NJ—Au.diMicro Panel



University Boardroom, Marquette MI—Au.diMicro Baffle

## Fire Rating

Au.diMicro™ panels have been tested to meet Class A requirements.

- LR—ASTM-E84 Class A & CAN/ULC-S102 (FSR 25/SDR 315)
- RF—ASTM-E84 Class A & CAN/ULC-S102 (FSR 25/SDR 305)

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