

Picado

ACOUSTICAL WOOD COLLECTION

PICADO COMBINES A SOLID WOOD APPEARANCE WITH REMARKABLE ACOUSTICAL ABSORPTION. MICRO-PERFORATED PINHOLES, SMALL ENOUGH TO BE INVISIBLE FROM A DISTANCE, ALLOW SOUND ENERGY TO PASS THROUGH TO ACOUSTICAL MATERIALS BENEATH.

Picado MicroPerf is a highly absorptive wood system that appears like a solid surface. Acoustical performance starts with a core drilled with over three hundred holes per square foot. Over this core the Picado pinhole veneer is added and the wood surface transforms from reflective to absorptive. Picado MicroPerf pinholes virtually disappear from sight from as close as ten feet away, giving it the appearance of solid wood. Select Picado by itself when a uniform wood finish is desired, or combine with other products from Kinetics' Acoustical Wood Collection.

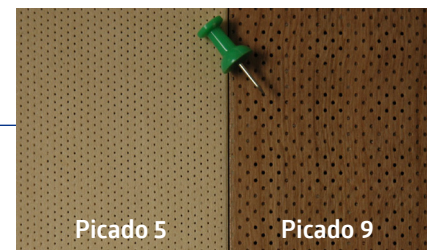
The Kinetics' Acoustical Wood Collection enables designers to create beautiful auditoriums, atriums, conference rooms, courthouses and student centers finished in wood while providing acoustic function and comfort.

SPECIFIABLE OPTIONS

- Field assembled — planks or panels
- Factory assembled ready-to-hang Ensemble
- MicroPerf hole size
- Veneer or laminate
- Edge finishes available options
- Fire rated or non-fire rated core
- FSC® Certification available upon request

FEATURES

- Use on walls or ceilings
- All standard patterns / configurations achieve NRC 0.70 or higher
- Low profile — 0.95 NRC can be achieved in less than 3" of depth
- Two patterns — 0.5 mm and 0.9 mm



Picado 5

Picado 9

Picado / Acoustical Wood Collection

SOUND ABSORPTION

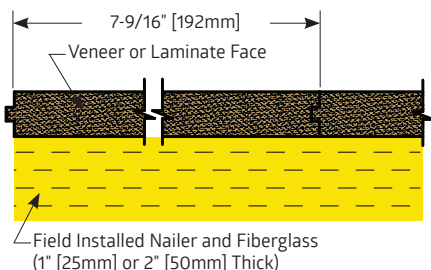
Frequency (Hz)	Bass					Mid Range								Treble					NRC
	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	
Picado 5, 1" FG	0.12	0.15	0.29	0.39	0.54	0.73	0.90	1.00	1.07	1.05	0.99	0.90	0.81	0.74	0.64	0.56	0.52	0.54	0.80
Picado 9, 1" FG	0.13	0.15	0.27	0.37	0.55	0.71	0.88	0.96	1.07	1.07	1.03	0.94	0.86	0.75	0.68	0.61	0.60	0.64	0.80
Picado 5, 2" FG	0.44	0.44	0.65	0.90	0.98	1.09	1.05	1.03	0.98	0.93	0.87	0.81	0.79	0.79	0.73	0.64	0.56	0.52	0.90
Picado 9, 2" FG	0.27	0.37	0.60	0.88	1.06	1.12	1.11	1.08	1.03	0.96	0.91	0.85	0.84	0.78	0.74	0.69	0.62	0.60	0.95
Picado 5, E-400*	0.74	0.78	0.83	0.89	0.86	0.81	0.73	0.65	0.73	0.67	0.65	0.69	0.71	0.76	0.74	0.67	0.57	0.49	0.75
Picado 9, E-400*	0.82	0.83	0.87	0.91	0.86	0.82	0.69	0.60	0.71	0.68	0.65	0.65	0.70	0.73	0.74	0.70	0.61	0.57	0.70

*Tested without fiberglass backer · FG = Fiberglass absorptive core · Noise Reduction Coefficient (NRC) frequencies shown in blue

CONFIGURATIONS

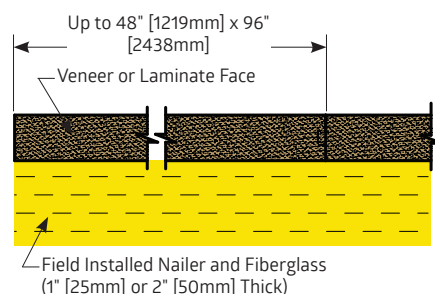
Planks

Picado tongue and groove planks create a hardwood floor-like appearance. Planks are easily field cut and nailed in place around doors, windows, and other architectural features.



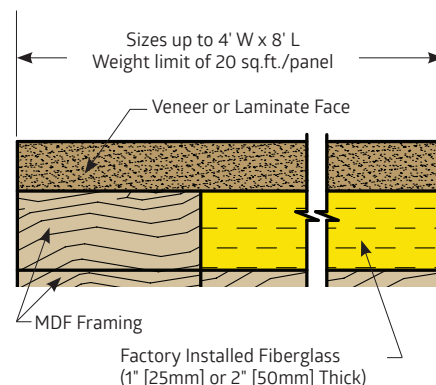
Panels

Picado panels are hung on z-clips and can be custom sized to your dimensions.



Ensemble

Ensemble arrives as a ready to hang panel complete with fiberglass and frame.



PERFORATION VISIBILITY

Perforation visibility is a factor of the finish color as well as lighting conditions; guide above is offered as a conservative estimate

Perf Pattern	Picado 5	Picado 9
Clearly Visible	1-4 feet	1-8 feet
Marginally Visible	4-10 feet	8-15 feet
Not Visible	10+ feet	15+ feet

WOOD OPTIONS

Veneer	Core	Matching	Cuts	Finish	Edges
Maple*	MDF*	Random*	Plain Sliced (flat)*	Clearcoat (38 sheen)*	Bare MDF*
Cherry*	Fire Rated NAUF-MDF*	Book	Quarter	Laminate	Stain / Painted
Oak*	NAUF-MDF	Slip	Rift	Paint	Edge Banded
Walnut*	FR Particleboard	Sequence	Rotary	Unfinished**	Trim Pieces
Birch*	CARB.2				
Mahogany*					
Custom					

Wood Notes:

The beauty of wood is that it varies in color, grain pattern, and overall appearance and texture. Wood products are hygroscopic and therefore will shrink and expand with changes in humidity.

FSC® Certification Available

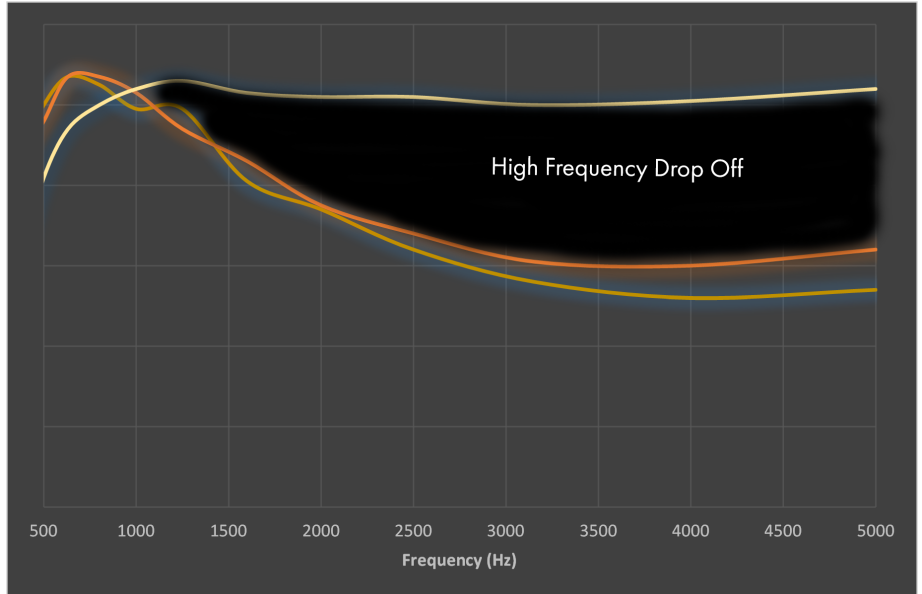
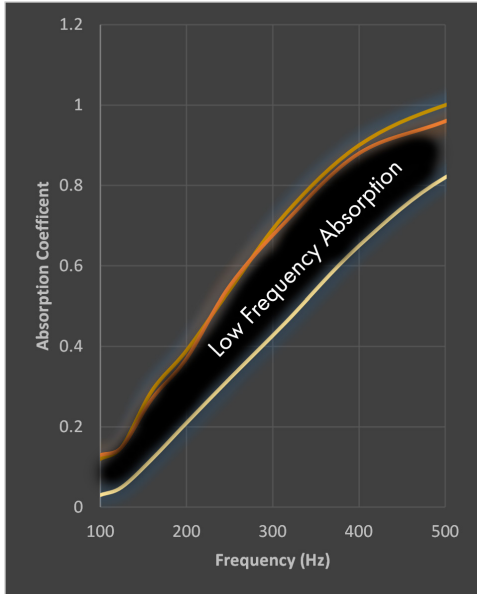
*Select for shortest lead time and/or cost savings **To be finished in the field if matching other wood

ABSORPTION PROFILES

Room elements such as curtains, upholstery, clothing and even people absorb higher frequency sound. The Kinetics Picado patterns drop off in these higher frequencies providing acoustic balance. In addition, they absorb more in the lower frequencies than 1" or 2" fiberglass panels. Lower frequency absorption normally requires thicker fiberglass panels, making the Picado a very efficient absorber for its profile.

PICADO ON 1" FIBERGLASS VS. 1" FIBERGLASS PANEL

A-Mounted (typical for wall applications)



PICADO NO FIBERGLASS VS. 1" PANEL

E-400 (typical for ceiling applications)

