

# KINETICS® Picado

## ACOUSTICAL WOOD COLLECTION



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.

### 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 three inches of depth
- Two patterns 0.5 mm and 0.9 mm

### 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

### PERFORATION VISIBILITY\*

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

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

# Sound Absorption

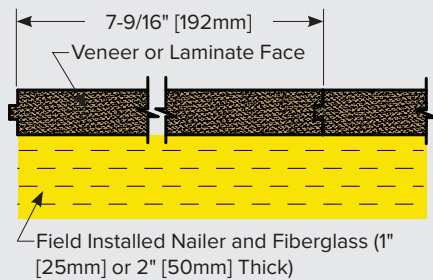
Frequency	Bass					Mid Range								Treble					NRC
	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	
Picado 5, 1" - FG	0.12	0.15	0.29	0.39	0.54	0.73	0.90	1.00	1.07	1.05	0.99	0.90	0.81	0.74	0.64	0.56	0.52	0.54	0.80
Picado 9, 1" - FG	0.13	0.15	0.27	0.37	0.55	0.71	0.88	0.96	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

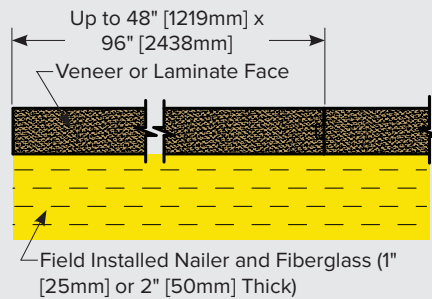
### PLANKS

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.



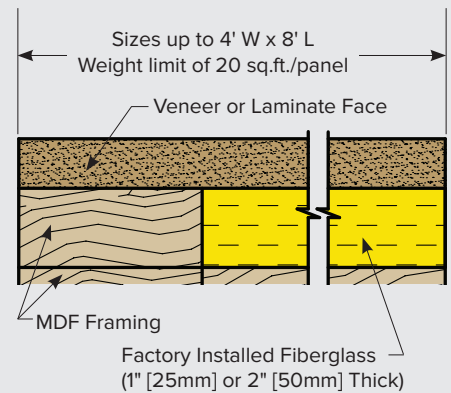
### PANELS

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.



## 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 ( <i>Picado 9 only</i> )	Stain/Painted
Oak*	NAUF-MDF	Slip	Rift	Paint	Edge Banded
Walnut*	FR Particleboard	Sequence	Rotary	Unfinished**	Trim Pieces
Birch*	CARB.2				
Mahogany*					
Custom					

FSC® Certification Available Upon Request

**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.

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



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