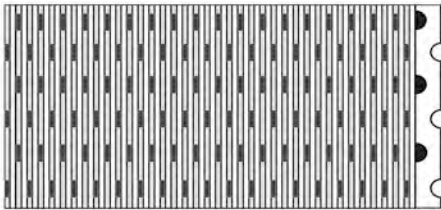


The Acousti-Groove system offers a visually attractive and easily installed acoustic wood system. The MDF core and applied surface veneer allow for a vast range of wood finishes while provide an important acoutic function.

### KEY FEATURES

- Cost effective and functional system.
- Multiple suspension options for ceilings and Z-Clip attachment for wall panels.
- Tongue and groove (TG) planks allow for a seamless, monolithic visual aesthetic.
- Large format (LG) all panels up to 4' wide by 8' long.
- Range of edge trims for floating ceiling conditions.

Face of Panel

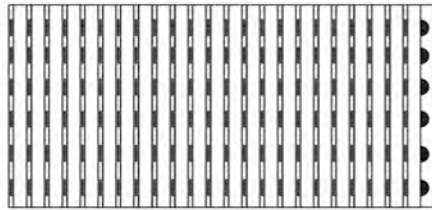


Face grooves on 5/8" centers.



Rear holes 1/4" dia. on 5/8" staggered centers

Face of Panel

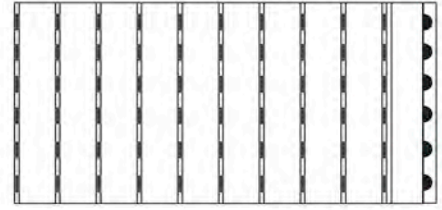


Face grooves on 5/8" centers.



Rear holes 1/4" dia. on 5/8" straight centers

Face of Panel

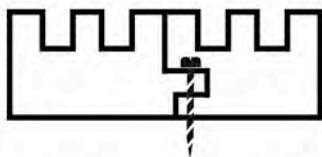


Face grooves on 1-1/4" centers.

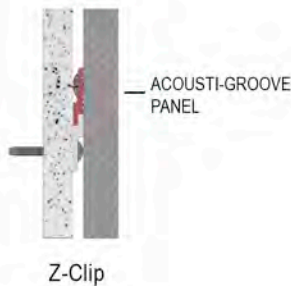


Rear holes 1/4" dia. on 1-1/4" horizontal straight centers

### WALL APPLICATION

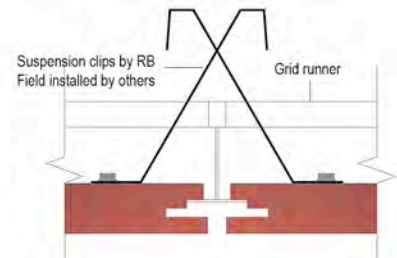
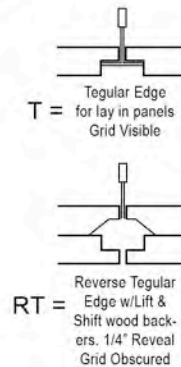


Tongue and Groove  
(Concealed Fastener)



Z-Clip

### CEILING APPLICATION



TG = Tongue and Groove  
LF = Large Format

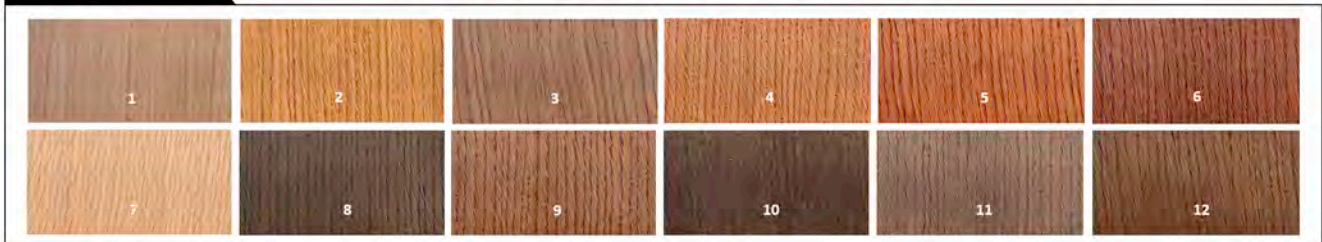
EL1 = Grooves 5/16" O.C.  
EL2 = Grooves 5/8" O.C.  
EL3 = Grooves 1 1/4" O.C.

EL1 - TG - Z

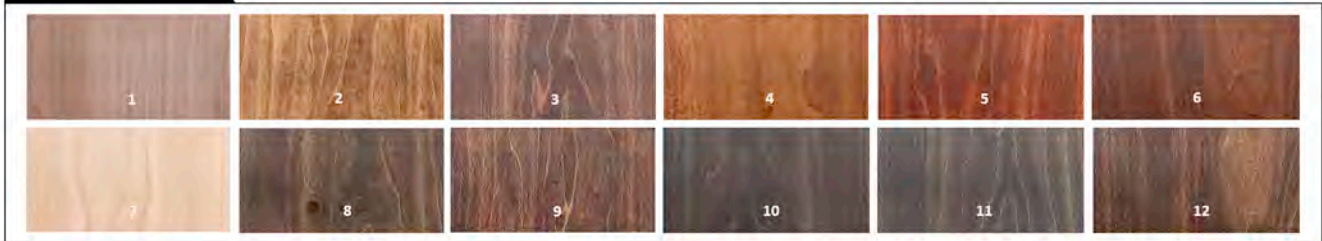
Wall TG = TG  
Wall Z-Clip = Z  
Ceiling Tegular = T  
Ceiling Reverse Tegular = RT

## Standard Wood Species and Finishes

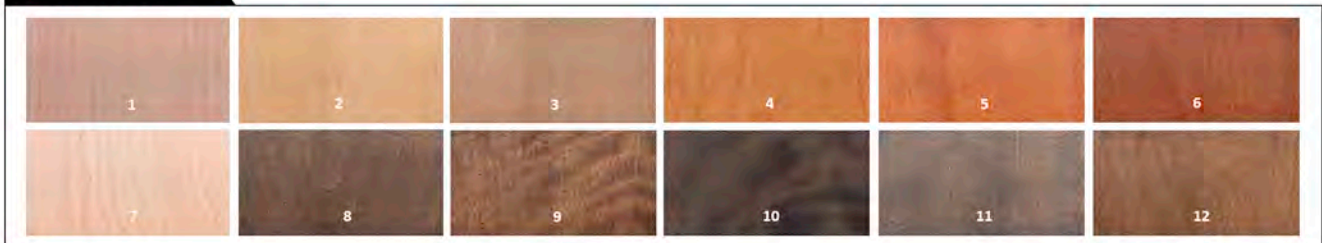
### SPECIES: OAK



### SPECIES: POPLAR



### SPECIES: MAPLE



Species	Finish	Finish Code Chart				Example
OK = Oak	1 = Summer Oak	5 = Autumn Cherry	9 = Essential Oak	Species: Oak Finish: Modern Ruby <b>CODE: OK6</b>		
PO = Poplar	2 = Teak	6 = Modern Ruby	10 = Double Espresso			
MA = Maple	3 = Smokey Walnut	7 = Natural Oak	11 = Driftwood Oak			
CU = Custom	4 = Western Redbud	8 = Urban Walnut	12 = Legacy Walnut			

ADDITIONAL SPECIES AND CUSTOM FINISHES AVAILABLE TO MEET SPECIFIC PROJECT REQUIREMENTS.



### Acoustical Performance

RB Acousti-Groove acoustical performance varies according to project design application. Mounting method and additional absorbent material behind the system contribute to NRC Values up to 0.90.



### Compliance with seismic codes

The RB Acousti-Groove, when installed onto a seismic code compliant suspension grid with screw attachment through the wood backer to the grid will satisfy seismic code requirements. Consult with local codes or a licensed engineer for any additional requirements.



### Sustainability

RB Acousti-Groove is manufactured responsibly using sustainable raw materials.



### Fire Rating

RB Acousti-Groove can be manufactured to achieve ASTM E-84 Class A rating compliance.



### Storage and Acclimitization

All materials must be stored and installed only in a controlled interior environment (relative humidity range 25% - 55% maximum - temperature between 60° - 80° - not to exceed 86°). All windows, doors and wet work must be complete before installation. Material should only be installed after reaching equilibrium moisture content.



### Warranty

All materials produced by Redbud Architectural Systems are guaranteed against manufacturing defects for one year from the date of delivery. \*Due to the nature of wood stains, color matching can not be guaranteed.

