



YYC Calgary International Airport, Calgary, AB, Canada / Photo: © Neil Koven

Adding the warmth of wood with exceptional sound absorption properties, Acoustic Planks are an excellent choice for a variety of both ceiling and wall applications. For design flexibility, fully-engineered solutions are available through our Decoustics® portfolio.

FEATURES AND BENEFITS

- Nominal Sizes:
 - 7-9/16" in width (192mm)
 - Available in 96" and 120" Lengths
- Groove Patterns:
 - Solo 6 (G4) 2mm v-groove 6mm O.C.
 - Solo 8 (G1): 2mm v-groove 8mm O.C.
 - Solo 16 (G2) 2mm v-groove 16mm O.C.
 - Solo 32 (G3) 2mm v-groove 32mm O.C.
- Micro-Perforated Patterns:
 - Rondolo® (M1): Staggered 0.55mm micro-perforations
- Unperforated Patterns:
 - Reflective Unperforated (U1): Unperforated, solid planks
- Wide array of veneer species, staining, sheening, color matching and finishes are available upon request
- Unique v-grooves create a two sided "funnel" effect allowing sound absorption at variety of angles, focusing energy transfer over a broader surface area of absorptive material. Achieve noise reduction coefficient up to 0.85 NRC
- Manufactured with sustainable wood materials
- Comprised of low-emitting materials and components

ATTRIBUTES



NRC
UP TO 0.85



CUSTOMIZATION
AVAILABLE



FIRE RATING:
PER ASTM E84
AND CAN/ULC-S102

CLASS A (VENEER)

LEED® v4

RECYCLED CONTENT

up to 80%

- ✓ EQ: Acoustic Performance (EQc)
- ✓ EQ: Low-Emitting Materials (EQc)¹
- ✓ MR: Regional Materials (MR Credits)²
- ✓ MR: Recycling (MRc)³

¹ CertainTeed Wood Ceiling and Wall products meet General Emissions Evaluation per the CDPH standard; v1.2 2017

² 200% credit if project with 100 miles of manufacturing site

³ Wood products are recyclable and can be diverted from landfills and incinerators through recycling, recovery, reuse, or salvage

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS & PRODUCT DECLARATIONS



FSC® AVAILABLE
ON REQUEST



LOW-EMITTING
MATERIALS / LOW VOC
(CDPH/EHLB/
STANDARD METHOD
VERSION 1.2, 2017)

COLORS AND FINISHES

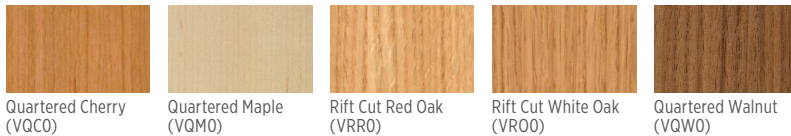
A wide variety of solid wood and veneer species, cuts, and matches are available. Additional custom materials and color matching are also available upon request. Actual shades or grains may vary; request a sample for more accurate finish portrayal. Veneer species are shown with a clear finish and top coat. The three character species code is followed by the single character finish code. For example: Plain Slice Maple (VMP) in a Patina finish (A) is VMPA. Species below shown with clear finish (O).

STANDARD VENEERS

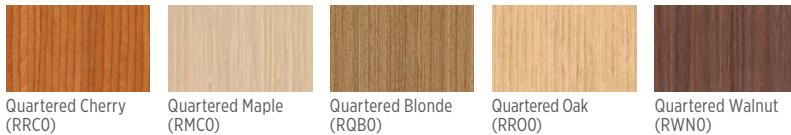
Plain Slice Veneers



Quartered and Rift Cut Veneers

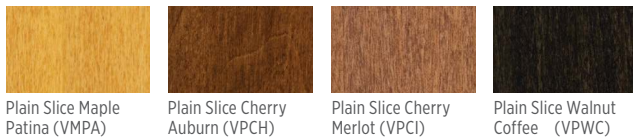


Reconstituted Quartered Veneers*



* Engineered from natural wood to deliver a uniform appearance across an installation

Standard Veneer Species and Finish Combinations

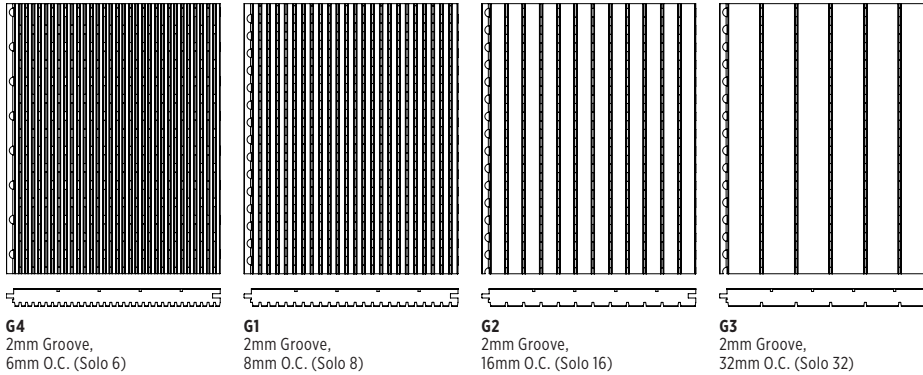


Additional veneer species, stains, color matching and finishes are available upon request. Please see catalog for more options or contact your local sales representative to get started.

ACOUSTIC PLANKS

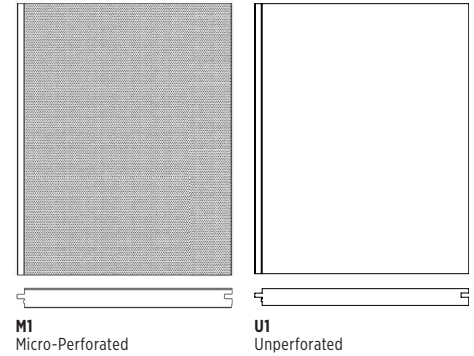
PRODUCT CONFIGURATIONS

SOLO GROOVED



RONDOLO® MICRO-PERFORATED

REFLECTIVE UNPERFORATED



CUSTOM LENGTHS

Length (in.): 48" to 120"

STANDARD PRODUCT CONFIGURATIONS

	VISUAL CONFIGURATION	PLANK DIMENSIONS (WxLxT) (IN.)
SOLO GROOVED		
3320G4	2mm Groove, 6mm O.C.	7-9/16" x 96" x 11/16"
3320G1	2mm Groove, 8mm O.C.	7-9/16" x 96" x 11/16"
3320G2	2mm Groove, 16mm O.C.	7-9/16" x 96" x 11/16"
3320G3	2mm Groove, 32mm O.C.	7-9/16" x 96" x 11/16"

	VISUAL CONFIGURATION	PLANK DIMENSIONS (WxLxT) (IN.)
REFLECTIVE UNPERFORATED		
3320U1	Unperforated	7-9/16" x 96" x 11/16"
MICRO-PERFORATED		
3320M1	Micro-Perforated	7-9/16" x 96" x 11/16"

UNDERSTANDING ITEM NUMBERS

To specify or order a specific product, include the 4-digit Item Number followed by the 2-character Configuration Code and the 4-character Color Code.

Example: To order the Solo 6 (G4) Acoustic Plank in Quartered Maple with a Clear Finish, order **3220 G4 VQMO**

Item number Color Code
Configuration Code

STANDARD TRIMS AND ACCESSORIES

INSTALLATION ACCESSORIES	PRODUCT NAME	COLOR	USE
	C-SOLO-1 Solo-1 Clip	Metal	Fastens to structure, ceiling or wall, one (1) clip per 24" length; four (4) Solo-1 Clips included with each 96" Acoustic Plank
	1205H4____ 1205H6____ 4" x 96" x 1" Trim 6" x 96" x 1" Trim	Veneer Finishes	4" or 6" Horizontal Acoustic Plank perimeter trim
	1205V4____ 1205V6____ 4" x 96" x 1" Trim 6" x 96" x 1" Trim	Veneer Finishes	4" or 6" Vertical Acoustic Plank perimeter trim
	1205U4____ 1205U6____ 4" x 96" x 1" Trim 6" x 96" x 1" Trim	Veneer Finishes	4" or 6" Universal (Vertical to Horizontal) Acoustic Plank reversible perimeter trim

* Alternate suspension system mounted trim installation with Perimeter Clips (CTSPC-2) available, consult with your Technical Sales Specialist or Project Manager for more information

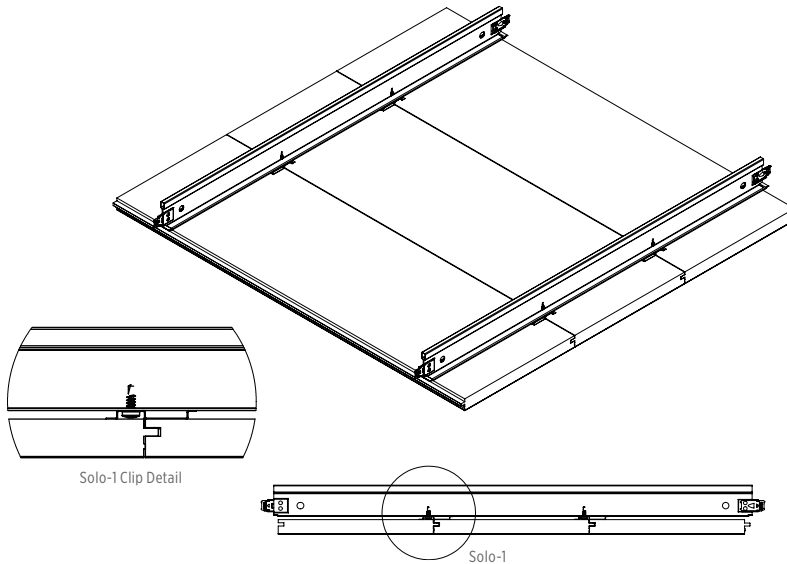


Additional custom and fully-engineered options including shapes, sizes, suspension and mounting systems, design returns and trims, and finishing options may be available for design flexibility. Contact your local sales representatives to get started.

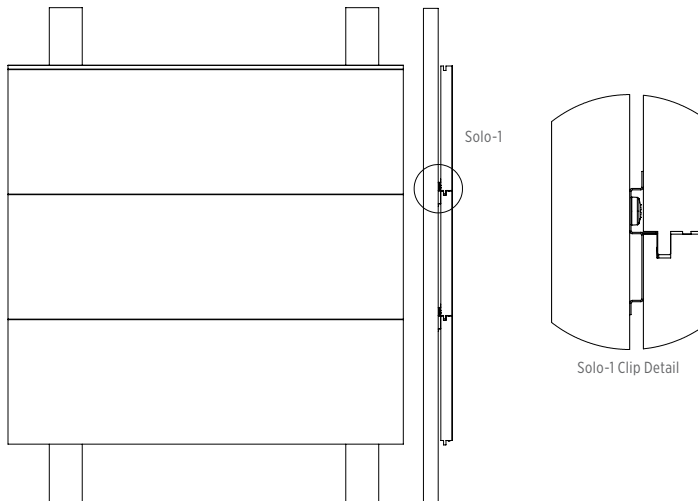
ACOUSTIC PLANKS

INSTALLATION EXAMPLES

CEILING



WALLS



ACOUSTICAL PERFORMANCE

		125	250	500	1000	2000	4000	NRC
CEILING/PLENUM (E-400)*								
G1 (Solo 8)	Ceiling/Plenum (E-400)	0.66	0.74	0.72	0.82	0.92	0.87	0.80
G2 (Solo 16)	Ceiling/Plenum (E-400)	0.57	0.69	0.67	0.80	0.91	0.86	0.75
G3 (Solo 32)	Ceiling/Plenum (E-400)	0.49	0.51	0.46	0.54	0.63	0.65	0.55
G4 (Solo 6)	Ceiling/Plenum (E-400)	0.70	0.77	0.78	0.92	1.02	0.97	0.85
M1 (Rondolo)	Ceiling/Plenum (E-400)	0.52	0.82	0.87	0.93	0.73	0.44	0.85
WALL/FLUSH MOUNT (A-MOUNT)*								
G1 (Solo 8)	Wall/Flush Mount (A-Mount)	0.30	0.61	0.86	0.83	0.83	0.81	0.80
G2 (Solo 16)	Wall/Flush Mount (A-Mount)	0.34	0.62	0.81	0.80	0.81	0.81	0.75
G3 (Solo 32)	Wall/Flush Mount (A-Mount)	0.44	0.47	0.54	0.52	0.55	0.56	0.50
G4 (Solo 6)	Wall/Flush Mount (A-Mount)	0.29	0.59	0.93	0.95	0.91	0.88	0.85
M1 (Rondolo)	Wall/Flush Mount (A-Mount)	0.22	0.77	1.07	0.93	0.70	0.40	0.85

* Sound absorption achieved with the addition of acoustical fleece, fabric, and/or infill; results shown are achieved with 1" fiberglass acoustic infill E-400 and A Mount per ASTM C423-17.

PHYSICAL DATA

MATERIAL

Fire-retardant composite wood

WEIGHT

2.0 - 3.0 lbs./sq. ft. (typical system weight)
Varies by Configuration

FIRE CLASS

ASTM E84 (Class A) and CAN/ULC-S102
Flame Spread: 25 or less
Smoke Developed: 50 or less

SEISMIC INSTALLATION

See installation details for seismic area installation information. Per IBC the maximum system weight for ceilings installed with Acoustical Suspension Systems in Seismic Design Categories C, D, E, and F is 4.0 lbs./sq. ft. when referencing ICC-ES ESR-3336. System weights greater than 4.0 lbs./sq. ft. may require local Professional Engineering services.

APPLICATION CONSIDERATIONS

Wood panels must be acclimatized for 72 hours prior to installation. Maintain relative humidity between 25% and 55% and temperature between 50°F and 86°F (10°C and 30°C) for the life of the product.

Wood is a natural material with varying grain and color characteristics. Characteristics may vary from panel to panel. For a more uniform appearance, consider reconstituted veneer options.

VISUAL CONSIDERATIONS

Surface Finish: clear or tinted topcoat with 20% sheen

WARRANTY

Full warranty information can be found at certainteed.com/warranty.

