



This wood veneer acoustical tile by Woodzco is part of the ELEMENT collection that combines refined aesthetics, versatile modularity and simplifies installation.

With two (2) possible configurations and four (4) standard wood veneer species available in 2-foot and 4-foot lengths, this collection is designed to meet the needs of the most demanding creative projects.

Manufactured in Canada to the highest industry standards, with a strong commitment to acoustic performance and tailor-made solutions.

Key features

- » An ideal choice for residential, commercial, and institutional projects
- » Pre-assembled rigid tiles engineered for simplified on-site installation
- » Installed on a suspended ceiling in a new construction or renovation project
- » Designed for installation in a standard suspended ceiling grid system (i.e. 15/16in)
- » Four standard species of wood veneer
- » Customization available for all components
- » Optional wood backers available



CAN/ULC S102 FS1 < 25 SDI < 50
ASTM E-84 CLASS A



ACOUSTICS NRC < 1.00

Specifications

WOOD VENEER SPECIES	Standard wood veneer: Cherry (flat cut), Maple (flat cut), Walnut (flat cut) and White Oak (rift cut)
TILE SIZES	<ul style="list-style-type: none"> 2-foot length tile: 24" x 24" (610 mm x 610 mm) 4-foot length tile: 24" x 48" (610 mm x 1 220 mm)
ASSEMBLY	Pre-assembled and delivered with flat wood backers
WOOD BLADES	<ul style="list-style-type: none"> Natural Moisture Resistant (MR) MDF - Fire rated (FR) Various standard sizes available (refer to the configuration chart) Vertical blades: Wood Veneer on five (5) sides of the MDF for increased stability (face, back, 1 long side and 2 short sides) Horizontal blades: Wood Veneer on six (6) sides of the MDF for increased stability (face, back, 2 long sides and 2 short sides) Available with premium matte oil finish, clear or colored and/or clear satin varnish
WOOD BACKERS	<ul style="list-style-type: none"> Birch plywood (white, black, or natural finish). Custom colors available (conditions apply) 1/2" thickness (13 mm)
CUSTOMIZATION	*Custom options available (minimum order of 400 sq.ft.)

Technical data

FIRE PERFORMANCE	<ul style="list-style-type: none"> CAN/ULC S102 (FSI < 25; SDI < 50) ASTM E-84 (Class A)
ACOUSTICS	<ul style="list-style-type: none"> Acoustic options available to suit project requirements Noise Reduction Coefficient (NRC) up to 1.00 (conditions apply) Refer to the acoustic chart
ENVIRONMENT	<ul style="list-style-type: none"> LEED v5 FSC certification of the product available upon request only No Added Formaldehyde (NAF) product available
USE	For interior uses only
SHIPPING	Woodzco products are carefully packaged at the factory and shipped in bulk on wooden pallets
SITE CONDITIONS	<ul style="list-style-type: none"> Wood products are naturally hygroscopic and must be stored flat, installed, and maintained in a controlled indoor environment Temperature: maintain between 50 °F and 86 °F (10 °C and 30 °C) Relative humidity: maintain between a minimum of 25 % and a maximum of 55 % (with no more than 20 % difference between maximum and minimum) <p>Failure to comply with one or more of these on-site conditions will void Woodzco's limited warranty</p>
WARRANTY	Three (3) year warranty on all Woodzco products. Please refer to Woodzco's limited warranty on our website for full details

LEED V5	RECYCLED CONTENT: UP TO 65%
MATERIALS AND RESSOURCES (MR)	INDOOR ENVIRONMENTAL QUALITY (IEQ)
MRc3 Low Emitting Materials ✓	EQc2 Occupant Experience ✓
VOC Emissions (CDPH) ✓	Option 1 Biophilic ✓
Formaldehyde Emissions (CARB) ✓	Path 1 Integrated Biophilic Design ✓
	Option 4 Sound Environment ✓
	Third parties CDPH ✓
	Pre-consumer Recycled ✓



The mark of responsible forestry

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ACOUSTICAL PROPERTIES

VERTICAL BLADES

Simulation #	Tile Sizes	Qty of blades	Blade Width	Blade Height	Space between blades	OA %	NRC	62.5	125	250	500	1000	2000	4000	8000
1	24" x 24"	8	3/4"	2-1/2"	2-3/8"	0.76	0.88	0.38	0.80	1.0	1.0	1.0	0.90	0.51	0.12

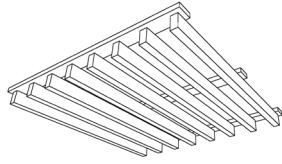
- **Table 1.** Acoustic performance with random incidence for ELEMENT tile with vertical blades. The noise reduction coefficient (NRC) is expressed in corrected simulated values with an E-400 setup using 1-inch acoustic material.

HORIZONTAL BLADES

Simulation #	Tile Sizes	Qty of blades	Blade Width	Blade Height	Space between blades	OA %	NRC	62.5	125	250	500	1000	2000	4000	8000
2	24" x 24"	10	1-1/2"	3/4"	1/2"	0.25	0.76	0.38	0.82	1.0	1.0	1.0	0.52	0.28	0.09

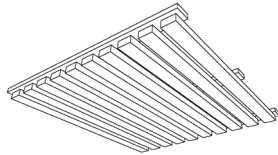
- **Table 2.** Acoustic performance with random incidence for ELEMENT tile with horizontal blades. The noise reduction coefficient (NRC) is expressed in corrected simulated values with an E-400 setup using 1-inch acoustic material.

CONFIGURATIONS



Vertical Blades

PRODUCT CODE ITEM	BLADES QTY	WOOD BLADE SIZES		SPACE BETWEEN BLADES		OPEN AREA %	TILE THICKNESS		AVERAGE WEIGHT	
		MM	INCHES	MM	INCHES		MM	INCHES	KG/SF	LB/SF
ETV 082V_____L_	8	19 x 57	3/4 x 2-1/4	60	2-3/8	76	70	2-3/4	1.13	2.5



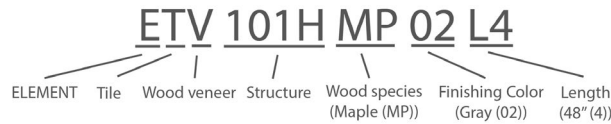
Horizontal Blades

PRODUCT CODE ITEM	BLADES QTY	WOOD BLADE SIZES		SPACE BETWEEN BLADES		OPEN AREA %	TILE THICKNESS		AVERAGE WEIGHT	
		MM	INCHES	MM	INCHES		MM	INCHES	KG/SF	LB/SF
ETV 101H_____L_	10	38 x 19	1-1/2 x 3/4	13	1/2	25	31	1-1/4	0.91	2.0

Finishing Wood Color

- Maple and White Oak are available in six (6) standard colors: Natural (00), White (01), Gray (02), Medium Brown (03), Dark Brown (04) and Black (06)
- Cherry and Walnut are only available in Natural (00)

EXAMPLE ITEM NUMBER KEY



ACCESSORIES

ACOUSTIC MATERIAL

PRODUCT CODE ITEM	WIDTH		THICKNESS		COLOR
	MM	INCHES	MM	INCHES	FINISHING
TSF 06N L8	610	24	6.4	1/4	Black

FLAT WOOD BACKER

PRODUCT CODE ITEM	WIDTH		THICKNESS		COLOR
	MM	INCHES	MM	INCHES	FINISHING
EAS 01FB PW06 L2	610	24	13	1/2	Black
EAS 01FB PW01 L2	610	24	13	1/2	White
EAS 01FB PW00 L2	610	24	13	1/2	Natural

INSTALLATION

Refer to the installation guide for complete details.

FINISHING

Oil Colors

Available in six (6) standard colors with a premium matte oil finish and/or clear satin varnish, with custom options available*



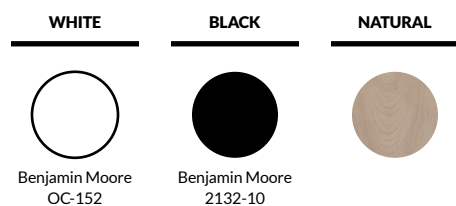
Wood Veneer Species

Available in four (4) standard wood veneer species, with additional wood species available upon request*



Wood Backer Colors

Offered in three (3) colors, with tailor-made options available*



Tile lengths

Available in two (2) standard lengths (L): 24" (2) and 48" (4)

Disclaimer: A single sample may not accurately represent the full range of natural variations that can be expected. Due to the inherent properties and characteristics of wood, these samples should be considered an approximation of the effect that may be achieved. Some wood species exhibit greater natural appearance variations than others. We have made every effort to make the colors as accurate as possible. Please allow a tolerance of 1/16" in the actual dimensions of all our products. The information contained in this document is subject to change without notice. Woodzco assumes no responsibility for any errors or omissions that may have occurred inadvertently in this document.

* For further information, contact your Woodzco representative. Certain conditions apply.