



The HARMONY TILE collection by Woodzco offers a wood acoustic tile designed for suspended ceiling systems, delivering high sound performance and refined aesthetics. Its precise engineering and optimized composition enhance acoustic comfort while bringing warmth and elegance to interior spaces.

With two (2) possible configurations and four (4) standard wood veneer species available in 2- and 4-foot length, 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
- » Semi-rigid tiles; easy and quick to install
- » Allow easy access to the plenum and building mechanics
- » Lightweight tiles, for installation in a standard suspended ceiling grid system (i.e. 15/16in)
- » Four standard species of wood veneer
- » Customization available for all components



CAN/ULC S102 FSI < 25
ASTM E-84 CLASS A



ACOUSTICS 0.90 < 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 : 23-1/2" x 23-1/2" (597 mm x 597 mm) 4-foot length tile : 23-1/2" x 47-1/2" (597 mm x 1 207 mm)
ASSEMBLY	Pre-assembled
WOOD BLADES	<ul style="list-style-type: none"> Natural or mass tinted Black Moisture Resistant (MR) MDF - Fire rated (FR) Various standard sizes available (refer to the configuration chart) Wood Veneer on two (2) sides of the MDF for increased stability Available only with premium matte oil finish, clear or colored
ACOUSTIC MATERIAL	<ul style="list-style-type: none"> Recycled PET material (50% post-consumer recycled) 3/8" thickness (9 mm) Available in Black, Dark gray, Medium gray and Beige; other colors available
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) ASTM E-84 (Class A)
ACOUSTICS	<ul style="list-style-type: none"> Acoustic options available to suit project requirements Noise Reduction Coefficient (NRC) between 0.90 and 1.00 (conditions apply) Refer to the acoustic chart
ENVIRONMENT	<ul style="list-style-type: none"> LEED v5 FSC certification available 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 ✓
	Post-consumer Recycled ✓



ACOUSTICAL PROPERTIES

HARMONY TILE

Model	Tile Sizes	Qty of blades	Blade width	Blade Height	Space between blades	OA %	NRC	125	250	500	1000	2000	4000
2728	23-1/2" x 23-1/2"	11	1-1/16"	1/2"	1-1/8"	51	1.00	0.78	1.00	1.00	1.00	1.00	1.00
5136	23-1/2" x 23-1/2"	7	2"	1/2"	1-7/16"	41	0.98	0.78	1.00	1.00	1.00	1.00	0.89

Table 1. Acoustic performance with random incidence. The Noise Reduction Coefficient (NRC) is expressed in corrected simulated values with an E-400 setup using 1-inch acoustic material.

CONFIGURATIONS

HARMONY TILE 2728

<ul style="list-style-type: none"> Quantity of blades: 11 Tile width: 23-1/2" (597 mm) Tile length: 24" & 48" (604 mm & 1 208 mm) Wood blade sizes: 1-1/16" x 1/2" (27 mm x 13 mm) Space between blades: 1-1/8" (28 mm) 	<ul style="list-style-type: none"> Tile thickness: 7/8" (22 mm) Average weight: 0.90 kg/sq.ft. (2 lbs/sq.ft.) Open area (OA): 51% NRC: 1.00
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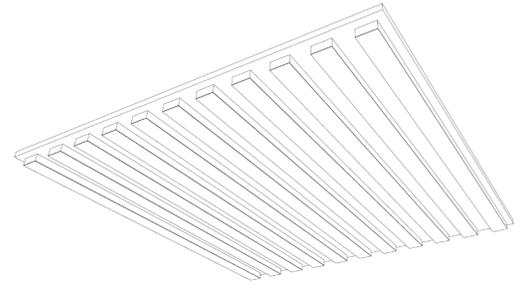


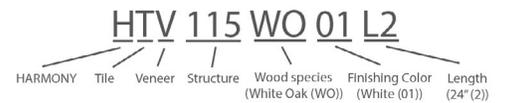
Figure 2. Isometric section view of the HARMONY acoustical tile 2728.

PRODUCT CODE	WOOD	FINISHING	MDF	ACOUSTIC MATERIAL (9MM)
ITEM	VENEER	WOOD COLOR	COLOR	COLOR
HTV 111 WO _ _ L	White Oak	See box	Black	Black
HTV 111 CY00 L	Cherry	Natural (00)	Black	Black
HTV 111 WN00 L	Walnut	Natural (00)	Black	Black
HTV 113 WO02 L	White Oak	Gray (02)	Black	Dark Gray
HTV 113 WO06 L	White Oak	Black (06)	Black	Dark Gray
HTV 114 WO06 L	White Oak	Black (06)	Black	Medium Gray
HTV 115 WO00 L	White Oak	Natural (00)	Natural	Beige
HTV 115 WO01 L	White Oak	White (01)	Natural	Beige
HTV 115 WO03 L	White Oak	Medium Brown (03)	Natural	Beige
HTV 116 WO00 L	White Oak	Natural (00)	Natural	Medium Gray
HTV 117 WO00 L	White Oak	Natural (00)	Natural	Dark Gray
HTV 117 MP00 L	Maple	Natural (00)	Natural	Dark Gray
HTV 116 MP00 L	Maple	Natural (00)	Natural	Medium Gray
HTV 115 MP00 L	Maple	Natural (00)	Natural	Beige
HTV 117 MP03 L	Maple	Medium Brown (03)	Natural	Dark Gray
HTV 116 MP03 L	Maple	Medium Brown (03)	Natural	Medium Gray
HTV 115 MP03 L	Maple	Medium Brown (03)	Natural	Beige



Figure 3. Plan view of the HARMONY acoustical tile 2728.

EXAMPLE ITEM NUMBER KEY



Finishing Wood Color

- White Oak is available in six (6) standard colors: Natural (00), White (01), Gray (02), Medium Brown (03), Dark Brown (04) and Black (06)
- Maple is only available in two (2) standard colors: Natural (00) and Medium Brown (03)
- Cherry and Walnut are only available in Natural (00)

CONFIGURATIONS

HARMONY TILE 5136

<ul style="list-style-type: none"> Quantity of blades: 7 Tile width: 24" (604 mm) Tile length: 24" & 48" (604 mm & 1 208 mm) Wood blade sizes: 2" x 1/2" (51 mm x 13 mm) Space between blades: 1-7/16" (36 mm) 	<ul style="list-style-type: none"> Tile thickness: 7/8" (22 mm) Average weight: 0.90 kg/sq.ft. (2 lbs/sq.ft.) Open area (OA): 41% NRC: 0.98
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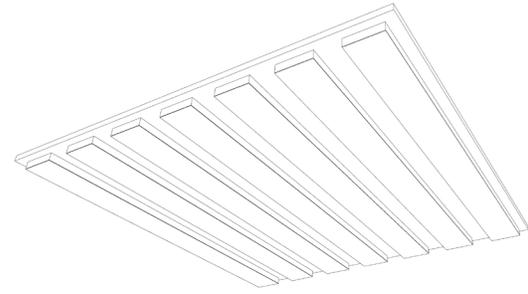


Figure 4 .Isometric section view of the HARMONY acoustical tile 5136.



Figure 5. Plan view of the HARMONY acoustical tile 5136.

PRODUCT CODE	WOOD	FINISHING	MDF	ACOUSTIC MATERIAL (9MM)
ITEM	VENEER	WOOD COLOR	COLOR	COLOR
HTV 071 WO__L	White Oak	See box	Black	Black
HTV 071 CY00L	Cherry	Natural (00)	Black	Black
HTV 071 WN00L	Walnut	Natural (00)	Black	Black
HTV 073 WO02L	White Oak	Gray (02)	Black	Dark Gray
HTV 073 WO06L	White Oak	Black (06)	Black	Dark Gray
HTV 074 WO06L	White Oak	Black (06)	Black	Medium Gray
HTV 075 WO00L	White Oak	Natural (00)	Natural	Beige
HTV 075 WO01L	White Oak	White (01)	Natural	Beige
HTV 075 WO03L	White Oak	Medium Brown (03)	Natural	Beige
HTV 076 WO00L	White Oak	Natural (00)	Natural	Medium Gray
HTV 077 WO00L	White Oak	Natural (00)	Natural	Dark Gray
HTV 077 MP00L	Maple	Natural (00)	Natural	Dark Gray
HTV 076 MP00L	Maple	Natural (00)	Natural	Medium Gray
HTV 075 MP00L	Maple	Natural (00)	Natural	Beige
HTV 077 MP03L	Maple	Medium Brown (03)	Natural	Dark Gray
HTV 076 MP03L	Maple	Medium Brown (03)	Natural	Medium Gray
HTV 075 MP03L	Maple	Medium Brown (03)	Natural	Beige

EXAMPLE ITEM NUMBER KEY



Finishing Wood Color

- White Oak is available in six (6) standard colors: Natural (00), White (01), Gray (02), Medium Brown (03), Dark Brown (04) and Black (06)
- Maple is only available in two (2) standard colors: Natural (00) and Medium Brown (03)
- Cherry and Walnut are only available in Natural (00)

INSTALLATION

Refer to the installation guide for complete details.

FINISHING

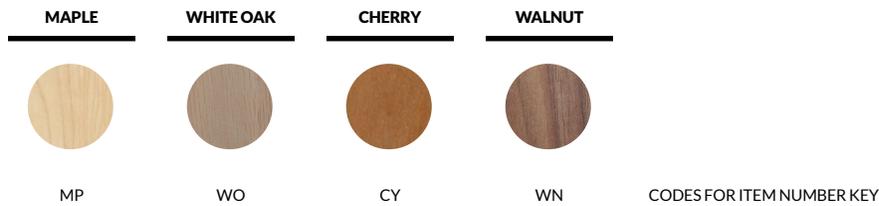
Oil Colors

Available in six (6) standard colors with a premium matte oil finish with custom options available*



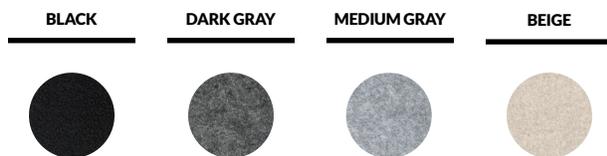
Wood Veneer Species

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



Acoustic Material Colors (PET 9 mm)

Offered in four (4) colors, with other 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. Due to continual product improvement, 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.