



The STELLAR TILE collection by Woodzco features acoustic wood veneer tiles compatible with standard T-Bar suspended ceiling systems. Combining precise engineering with refined finishing, STELLAR delivers a durable, visually distinctive solution for elevated interior design.

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

- » Rigid tiles; easy and quick to install
- » Installed on a suspended ceiling in a new construction or renovation project
- » Lightweight tiles, for installation in a standard suspended ceiling grid system (i.e. 15/16in)
- » Allow easy access to the plenum and building mechanics
- » Easily cut and installed by gravity; no fasteners required
- » Opening rate = 30%; acoustically transparent system
- » Sound reverberation control thanks to high performance acoustic properties



CAN/ULC S102 FS1 < 25 SD1 < 50
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 : 24" x 24" (604 mm x 604 mm) 4-foot length tile : 24" x 48" (604 mm x 1 208 mm)
ASSEMBLY	Pre-assembled
WOOD BLADES	<ul style="list-style-type: none"> 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 (face and back) Available only with premium matte oil finish, clear or colored
ACOUSTIC MATERIAL	<ul style="list-style-type: none"> Stone wool ceiling panels 5/8" thickness (16 mm) & 1" thickness (25.4 mm) Available in Black; 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; 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

STELLAR TILE

Model	Tile Sizes	Qty of blades	Blade width	Blade Height	Space between blades	OA %	NRC	125	250	500	1000	2000	4000
2728	24" x 24"	11	1-1/16"	1/2"	1-1/8"	30	0.91	0.78	1.00	1.00	1.00	1.00	0.53
5136	24" x 24"	7	2"	1/2"	1-7/16"	40	0.97	0.78	1.00	1.00	1.00	1.00	0.85

Table 1. Acoustic performance with random incidence for STELLAR tile 2728. The Noise Reduction Coefficient (NRC) is expressed in corrected simulated values with an E-400 setup using 1-inch acoustic material.



Figure 1. STELLAR tile 2728 without acoustic material; opening rate = 30%



Figure 2. STELLAR tile 2728 with acoustic material

CONFIGURATIONS

STELLAR TILE 2728

<ul style="list-style-type: none"> Quantity of blades: 11 Tile width: 24" (603 mm) Tile length: 24" & 48" (603 mm & 1 208 mm) Wood blade sizes: 1-1/16" x 3/4" (27 mm x 19 mm) Space between blades: 1-1/8" (28 mm) Tile thickness: 1-3/8" (35 mm) or 1-3/4" (45 mm) 	<ul style="list-style-type: none"> MDF Color: Black Acoustic Material Color (Stone wool): Black Average weight: 0.95 kg/sq.ft. (2.1lbs/sq.ft.) Open area (OA): 40% NRC: 0.97
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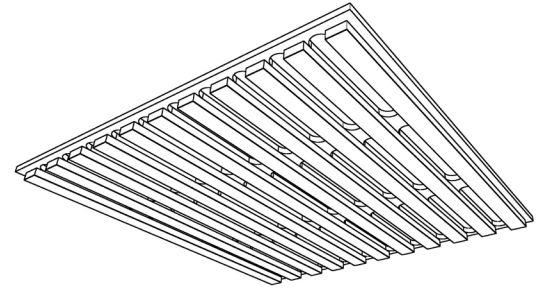


Figure 3. Isometric section view of the STELLAR acoustic tile 2728.

PRODUCT CODE	WOOD	FINISHING	ACOUSTIC MATERIAL
ITEM	VENEER	WOOD COLOR	THICKNESS
SLTV 1105 MP__L	Maple	See box	5/8"
SLTV 1105 WO__L	White Oak	See box	5/8"
SLTV 1105 CY00_L	Cherry	Natural (00)	5/8"
SLTV 1105 WN00_L	Walnut	Natural (00)	5/8"
SLTV 1101 MP__L	Maple	See box	1"
SLTV 1101 WO__L	White Oak	See box	1"
SLTV 1101 CY00_L	Cherry	Natural (00)	1"
SLTV 1101 WN00_L	Walnut	Natural (00)	1"



Figure 4. Plan view of the STELLAR acoustic tile 2728.

EXAMPLE ITEM NUMBER KEY



STELLAR TILE 5136

<ul style="list-style-type: none"> Quantity of blades: 7 Tile width: 24" (603 mm) Tile length: 24" & 48" (603 mm & 1 208 mm) Wood blade sizes: 2" x 3/4" (51 mm x 19 mm) Space between blades: 1-7/16" (36 mm) Tile thickness: 1-3/8" (35 mm) or 1-3/4" (45 mm) 	<ul style="list-style-type: none"> MDF Color: Black Acoustic Material Color (Stone wool): Black Average weight: 0.95 kg/sq.ft. (2.1 lbs/sq.ft.) Open area (OA): 30% NRC: 0.91
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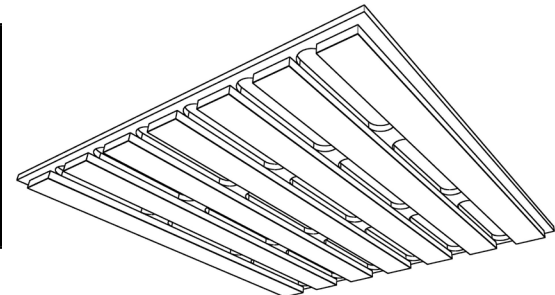


Figure 5. Isometric section view of the STELLAR acoustic tile 5136.

PRODUCT CODE	WOOD	FINISHING	ACOUSTIC MATERIAL
ITEM	VENEER	WOOD COLOR	THICKNESS
SLTV 0705 MP__L	Maple	See box	5/8"
SLTV 0705 WO__L	White Oak	See box	5/8"
SLTV 0705 CY00_L	Cherry	Natural (00)	5/8"
SLTV 0705 WN00_L	Walnut	Natural (00)	5/8"
SLTV 0701 MP__L	Maple	See box	1"
SLTV 0701 WO__L	White Oak	See box	1"
SLTV 0701 CY00_L	Cherry	Natural (00)	1"
SLTV 0701 WN00_L	Walnut	Natural (00)	1"



Figure 6. Plan view of the STELLAR acoustic tile 5136.

Finishing Wood Veneer Color

- White Oak and Maple 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)

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*



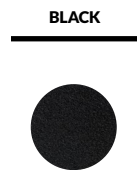
Wood Veneer Species

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



Acoustic Material Color (Stone wool)

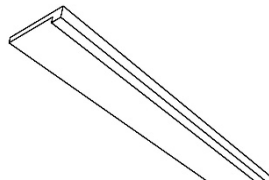
Offered in one (1) color, with other options available*



Tile lengths - Available in two (2) standard lengths (L): 24" (2) & 48" (4)

Support blade

PRODUCT CODE	SIZES		FINISHING
	MM	INCHES	COLOR
SLAM 0100 L4	64 x 13	2-1/2 x 1/2	Black



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.