

The HARMONY PANEL collection by Woodzco combines acoustic performance and natural aesthetics, through a wood panel system designed to deliver both sound comfort and refined architectural design.

With four (4) possible configurations and four (4) standard wood veneer species available in 8- and 10-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
- » Pre-assembled rigid panels engineered for simplified on-site installation
- » Designed for interior installation on walls and ceilings
- » Four standard species of wood veneer
- » Customization available for all components
- » Optional finishing trims available



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



ACOUSTICS NRC 0.95

**Specifications**

<b>WOOD VENEER SPECIES</b>	Standard wood veneer: Cherry (flat cut), Maple (flat cut), Walnut (flat cut) and White Oak (rift cut)
<b>PANEL SIZES</b>	<ul style="list-style-type: none"> <li>8-foot length panel : 23-1/2" x 95" (597 mm x 2 413 mm)</li> <li>10-foot length panel : 23-1/2" x 119" (597 mm x 3 023 mm)</li> </ul>
<b>ASSEMBLY</b>	Pre-assembled
<b>WOOD BLADES</b>	<ul style="list-style-type: none"> <li>Natural or mass tinted black moisture resistant (MR) MDF - Fire rated (FR)</li> <li>Various standard sizes available (refer to the configuration chart)</li> <li>Wood veneer on two (2) sides of the MDF for increased stability</li> <li>Available only with premium matte oil finish, clear or colored</li> </ul>
<b>ACOUSTIC MATERIAL</b>	<ul style="list-style-type: none"> <li>Recycled PET material (minimum of 50% post-consumer recycled)</li> <li>3/8" thickness (9 mm)</li> <li>Available in Black, Dark gray, Medium gray and Beige; other colors available</li> </ul>
<b>CUSTOMIZATION</b>	*Custom options available (minimum order of 400 sq.ft.)

**Technical data**

<b>FIRE PERFORMANCE</b>	<ul style="list-style-type: none"> <li>CAN/ULC S102 (FSI &lt; 25)</li> <li>ASTM E-84 (Class A)</li> </ul>
<b>ACOUSTICS</b>	<ul style="list-style-type: none"> <li>Acoustic options available to suit project requirements</li> <li>Noise reduction coefficient (NRC) of 0.95 (conditions apply)</li> <li>Refer to the acoustic chart</li> </ul>
<b>ENVIRONMENT</b>	<ul style="list-style-type: none"> <li>LEED v5</li> <li>FSC certification available</li> <li>No added formaldehyde (NAF) product available</li> </ul>
<b>USE</b>	For interior uses only
<b>SHIPPING</b>	Woodzco products are carefully packaged at the factory and shipped in bulk on wooden pallets
<b>SITE CONDITIONS</b>	<ul style="list-style-type: none"> <li>Wood products are naturally hygroscopic and must be stored flat, installed, and maintained in a controlled indoor environment</li> <li>Temperature: maintain between 50 °F and 86 °F (10 °C and 30 °C)</li> <li>Relative humidity: maintain between a minimum of 25 % and a maximum of 55 % (with no more than 20 % difference between maximum and minimum)</li> </ul> <p>Failure to comply with one or more of these on-site conditions will void Woodzco's limited warranty</p>
<b>WARRANTY</b>	Three (3) year warranty on all Woodzco products. Please refer to Woodzco's limited warranty on our website for full details

<b>LEED V5</b>	<b>RECYCLED CONTENT: UP TO 65%</b>
<b>MATERIALS AND RESSOURCES (MR)</b>	<b>INDOOR ENVIRONMENTAL QUALITY (IEQ)</b>
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

## ACOUSTICAL PROPERTIES

### HARMONY PANEL

Installation	Panel sizes	Qty of blades	Blade Width	Blade Height	Space between blades	OA %	NRC	125	250	500	1000	2000	4000
HARMONY panel (mounted on hard surface)	23-1/2" x 95"	15	1-1/16"	1/2"	1/2"	33	0.43	0.01	0.04	0.15	0.41	0.68	0.88
HARMONY panel + 50 mm air gap	23-1/2" x 95"	15	1-1/16"	1/2"	1/2"	33	0.74	0.11	0.30	0.67	0.93	0.95	0.86
HARMONY panel + 50 mm gap filled with Stone wool (50 mm)	23-1/2" x 95"	15	1-1/16"	1/2"	1/2"	33	0.95	0.26	0.71	1.14	1.09	1.04	1.03

Table 1. Acoustic performance for HARMONY panel 2713.

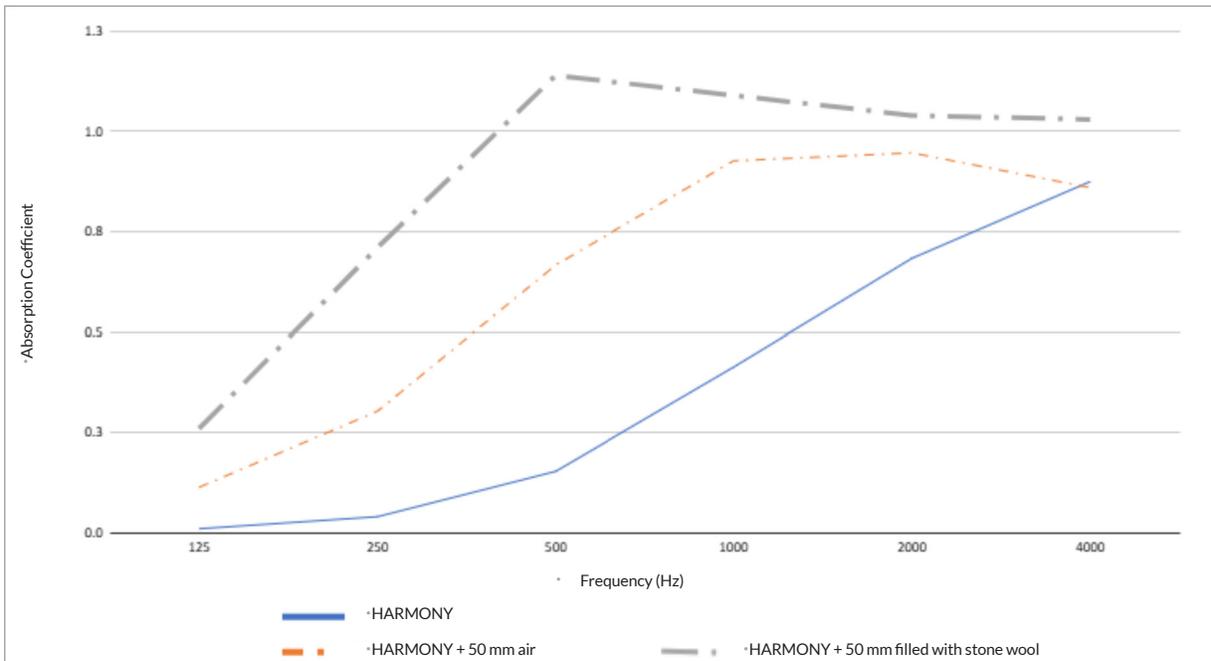


Figure 1. Acoustic performance for HARMONY panel 2713.

## CONFIGURATIONS

### HARMONY PANEL 2713

<ul style="list-style-type: none"> <li>Quantity of blades: 15</li> <li>Panel width: 23-1/2" (597 mm)</li> <li>Wood blade sizes: 1-1/16" x 1/2" (27 mm x 13 mm)</li> <li>Space between blades: 1/2" (13 mm)</li> </ul>	<ul style="list-style-type: none"> <li>Panel thickness: 7/8" (22 mm)</li> <li>Average weight: 0.90 kg/sq.ft. (2 lbs/sq.ft.)</li> <li>Open area (OA): 33%</li> <li>NRC: 0.95</li> </ul>
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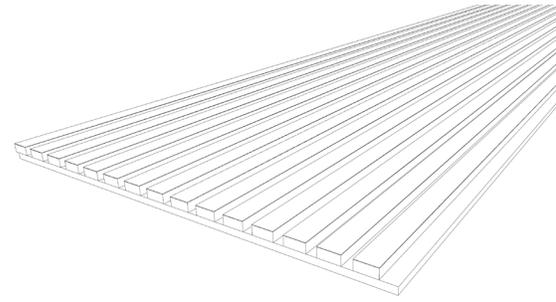


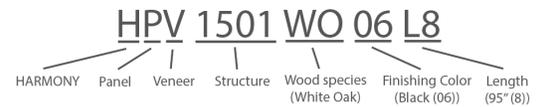
Figure 2. Isometric section view of the HARMONY acoustic panel 2713.

PRODUCT CODE	WOOD	FINISHING	MDF	ACOUSTIC MATERIAL (9MM)
ITEM	VENEER	WOOD COLOR	COLOR	COLOR
HPV 1501 WO _ _ L	White Oak	See box	Black	Black
HPV 1501 CY00 L	Cherry	Natural (00)	Black	Black
HPV 1501 WN00 L	Walnut	Natural (00)	Black	Black
HPV 1503 WO02 L	White Oak	Gray (02)	Black	Dark Gray
HPV 1503 WO06 L	White Oak	Black (06)	Black	Dark Gray
HPV 1504 WO06 L	White Oak	Black (06)	Black	Medium Gray
HPV 1505 WO00 L	White Oak	Natural (00)	Natural	Beige
HPV 1505 WO01 L	White Oak	White (01)	Natural	Beige
HPV 1505 WO03 L	White Oak	Medium Brown (03)	Natural	Beige
HPV 1506 WO00 L	White Oak	Natural (00)	Natural	Medium Gray
HPV 1507 WO00 L	White Oak	Natural (00)	Natural	Dark Gray
HPV 1507 MP00 L	Maple	Natural (00)	Natural	Dark Gray
HPV 1506 MP00 L	Maple	Natural (00)	Natural	Medium Gray
HPV 1505 MP00 L	Maple	Natural (00)	Natural	Beige
HPV 1507 MP03 L	Maple	Medium Brown (03)	Natural	Dark Gray
HPV 1506 MP03 L	Maple	Medium Brown (03)	Natural	Medium Gray
HPV 1505 MP03 L	Maple	Medium Brown (03)	Natural	Beige



Figure 3. Cross-section view of the HARMONY acoustic panel 2713.

#### 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 PANEL 2728

<ul style="list-style-type: none"> <li>Quantity of blades: 10</li> <li>Panel width: 21-3/4" (554 mm)</li> <li>Wood blade sizes: 1-1/16" x 1/2" (27 mm x 13 mm)</li> <li>Space between blades: 1-1/8" (28 mm)</li> </ul>	<ul style="list-style-type: none"> <li>Panel thickness: 7/8" (22 mm)</li> <li>Average weight: 0.90 kg/sq.ft. (2 lbs/sq.ft.)</li> <li>Open area (OA): 51%</li> </ul>
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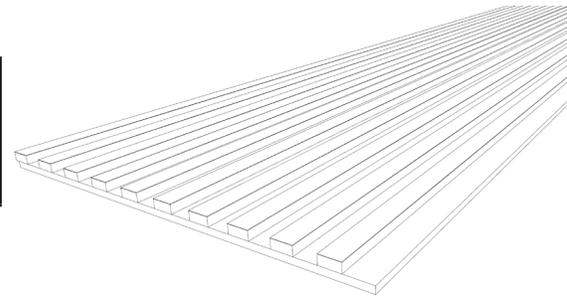


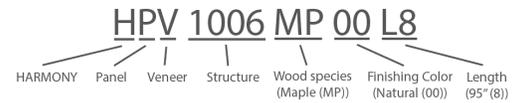
Figure 4. Isometric section view of the HARMONY acoustic panel 2728.

PRODUCT CODE	WOOD	FINISHING	MDF	ACOUSTIC MATERIAL (9MM)
ITEM	VENEER	WOOD COLOR	COLOR	COLOR
HPV 1001 WO _ _ L_	White Oak	See box	Black	Black
HPV 1001 CY00 L_	Cherry	Natural (00)	Black	Black
HPV 1001 WN00 L_	Walnut	Natural (00)	Black	Black
HPV 1003 WO02 L_	White Oak	Gray (02)	Black	Dark Gray
HPV 1003 WO06 L_	White Oak	Black (06)	Black	Dark Gray
HPV 1004 WO06 L_	White Oak	Black (06)	Black	Medium Gray
HPV 1005 WO00 L_	White Oak	Natural (00)	Natural	Beige
HPV 1005 WO01 L_	White Oak	White (01)	Natural	Beige
HPV 1005 WO03 L_	White Oak	Medium Brown (03)	Natural	Beige
HPV 1006 WO00 L_	White Oak	Natural (00)	Natural	Medium Gray
HPV 1007 WO00 L_	White Oak	Natural (00)	Natural	Dark Gray
HPV 1007 MP00 L_	Maple	Natural (00)	Natural	Dark Gray
HPV 1006 MP00 L_	Maple	Natural (00)	Natural	Medium Gray
HPV 1005 MP00 L_	Maple	Natural (00)	Natural	Beige
HPV 1007 MP03 L_	Maple	Medium Brown (03)	Natural	Dark Gray
HPV 1006 MP03 L_	Maple	Medium Brown (03)	Natural	Medium Gray
HPV 1005 MP03 L_	Maple	Medium Brown (03)	Natural	Beige



Figure 5. Cross-section view of the HARMONY acoustic panel 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 PANEL 5136

<ul style="list-style-type: none"> <li>Quantity of blades: 6</li> <li>Panel width: 20-1/2" (522 mm)</li> <li>Wood blade sizes: 2" x 1/2" (51 mm x 13 mm)</li> <li>Space between blades: 1-1/16" (36 mm)</li> </ul>	<ul style="list-style-type: none"> <li>Panel thickness: 7/8" (22 mm)</li> <li>Average weight: 0.90 kg/sq.ft. (2 lbs/sq.ft.)</li> <li>Open area (OA): 41%</li> </ul>
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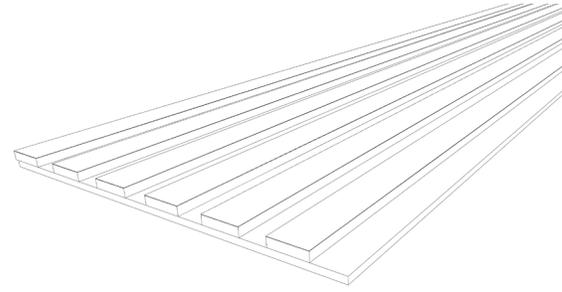


Figure 6. Isometric section view of the HARMONY acoustic panel 5136.

PRODUCT CODE	WOOD	FINISHING	MDF	ACOUSTIC MATERIAL (9MM)
ITEM	VENEER	WOOD COLOR	COLOR	COLOR
HPV 0601 WO _ _ L_	White Oak	See box	Black	Black
HPV 0601 CY00 L_	Cherry	Natural (00)	Black	Black
HPV 0601 WN00 L_	Walnut	Natural (00)	Black	Black
HPV 0603 WO02 L_	White Oak	Gray (02)	Black	Dark Gray
HPV 0603 WO06 L_	White Oak	Black (06)	Black	Dark Gray
HPV 0604 WO06 L_	White Oak	Black (06)	Black	Medium Gray
HPV 0605 WO00 L_	White Oak	Natural (00)	Natural	Beige
HPV 0605 WO01 L_	White Oak	White (01)	Natural	Beige
HPV 0605 WO03 L_	White Oak	Medium Brown (03)	Natural	Beige
HPV 0606 WO00 L_	White Oak	Natural (00)	Natural	Medium Gray
HPV 0607 WO00 L_	White Oak	Natural (00)	Natural	Dark Gray
HPV 0607 MP00 L_	Maple	Natural (00)	Natural	Dark Gray
HPV 0606 MP00 L_	Maple	Natural (00)	Natural	Medium Gray
HPV 0605 MP00 L_	Maple	Natural (00)	Natural	Beige
HPV 0607 MP03 L_	Maple	Medium Brown (03)	Natural	Dark Gray
HPV 0606 MP03 L_	Maple	Medium Brown (03)	Natural	Medium Gray
HPV 0605 MP03 L_	Maple	Medium Brown (03)	Natural	Beige

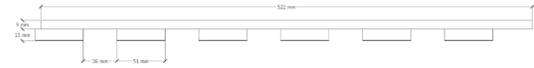


Figure 7. Cross-section view of the HARMONY acoustic panel 5136.

#### 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) colors: Natural (00) and Medium Brown (03)
- Cherry and Walnut are only available in Natural (00)

## CONFIGURATIONS

### HARMONY PANEL 512705

<ul style="list-style-type: none"> <li>Quantity of blades: 15</li> <li>Panel width: 23-1/2" (597 mm)</li> <li>Wood blade sizes: (2" &amp; 1-1/16") x 1/2" ((51 mm &amp; 27 mm) x 13 mm)</li> <li>Space between blades: 3/16" (5 mm)</li> </ul>	<ul style="list-style-type: none"> <li>Panel thickness: 7/8" (22 mm)</li> <li>Average weight: 0.90 kg/sq.ft. (2 lbs/sq.ft.)</li> <li>Open area (OA): 9%</li> </ul>
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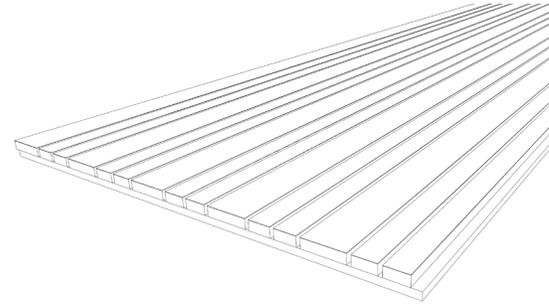


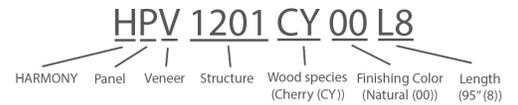
Figure 8 .Isometric section view of the HARMONY acoustic panel 512705.

PRODUCT CODE	WOOD	FINISHING	MDF	ACOUSTIC MATERIAL (9MM)
ITEM	VENEER	WOOD COLOR	COLOR	COLOR
HPV 1201 WO _ _ L_	White Oak	See box	Black	Black
HPV 1201 CY00 L_	Cherry	Natural (00)	Black	Black
HPV 1201 WN00 L_	Walnut	Natural (00)	Black	Black
HPV 1203 WO02 L_	White Oak	Gray (02)	Black	Dark Gray
HPV 1203 WO06 L_	White Oak	Black (06)	Black	Dark Gray
HPV 1204 WO06 L_	White Oak	Black (06)	Black	Medium Gray
HPV 1205 WO00 L_	White Oak	Natural (00)	Natural	Beige
HPV 1205 WO01 L_	White Oak	White (01)	Natural	Beige
HPV 1205 WO03 L_	White Oak	Medium Brown (03)	Natural	Beige
HPV 1206 WO00 L_	White Oak	Natural (00)	Natural	Medium Gray
HPV 1207 WO00 L_	White Oak	Natural (00)	Natural	Dark Gray
HPV 1207 MP00 L_	Maple	Natural (00)	Natural	Dark Gray
HPV 1206 MP00 L_	Maple	Natural (00)	Natural	Medium Gray
HPV 1205 MP00 L_	Maple	Natural (00)	Natural	Beige
HPV 1207 MP03 L_	Maple	Medium Brown (03)	Natural	Dark Gray
HPV 1206 MP03 L_	Maple	Medium Brown (03)	Natural	Medium Gray
HPV 1205 MP03 L_	Maple	Medium Brown (03)	Natural	Beige



Figure 9. Cross-section view of the HARMONY acoustic panel 512705.

#### EXAMPLE ITEM NUMBER KEY



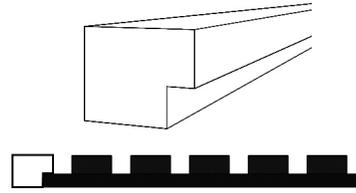
#### Finishing Wood Color

- 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)

## ACCESSORIES

### FINISHING TRIMS in solid wood (style 2713-2728-512705)

PRODUCT CODE	SIZES		WOOD	FINISHING
ITEM	MM	INCHES	SPECIES	COLOR
HAS 01T MP_ L_	27 x 22	1-1/16 x 7/8	Maple	See box
HAS 01T WO_ L_	27 x 22	1-1/16 x 7/8	White Oak	See box
HAS 01T CY00 L_	27 x 22	1-1/16 x 7/8	Cherry	See box
HAS 01T WN00 L_	27 x 22	1-1/16 x 7/8	Walnut	See box



### FINISHING TRIMS in solid wood (style 5136-512705)

PRODUCT CODE	SIZES		WOOD	FINISHING
ITEM	MM	INCHES	SPECIES	COLOR
HAS 02T MP_ L_	51 x 22	2 x 7/8	Maple	See box
HAS 02T WO_ L_	51 x 22	2 x 7/8	White Oak	See box
HAS 02T CY00 L_	51 x 22	2 x 7/8	Cherry	See box
HAS 02T WN00 L_	51 x 22	2 x 7/8	Walnut	See box

#### Finishing Wood Color

1. White Oak is available in six (6) standard colors: Natural (00), White (01), Gray (02), Medium Brown (03), Dark Brown (04) and Black (06)
2. Maple is only available in two (2) standard colors: Natural (00) and Medium Brown (03)
3. 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\*



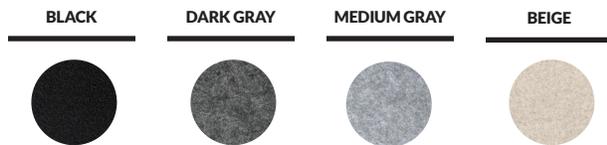
### Wood Veneer Species

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



### Acoustic Material Colors (PET 9 mm)

Available in four (4) standard colors, with other options available\*



### Panel lengths

Available in two (2) standard lengths (L): 95" (8) and 119" (10)

**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.