# Acoustic



# ACOUSTICAL WALL PANEL

#### **TECHNICAL DATA**

Wood Species: White oak

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**Dimension:** 12.8" x 48" / 4.3 sq.ft.

Thickness:

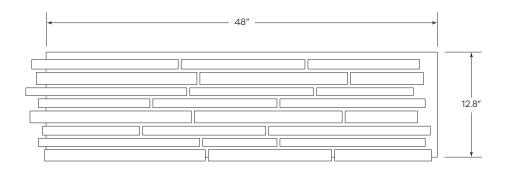
21.9 mm

#### Finish:

10% U.V. varnish (low V.O.C. water based clear sealer) Antimicrobial protection

Fire rating: Class A CAN/ULC-S102

FSV Flame Spread Value: 6.4 SDV Smoke Developed Value: 59.3



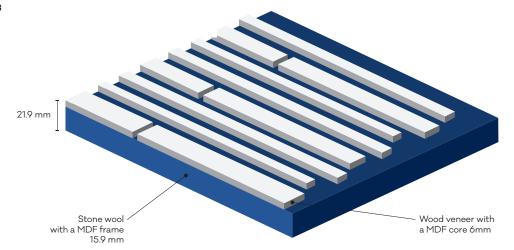
# **LAYERS**

#### Top:

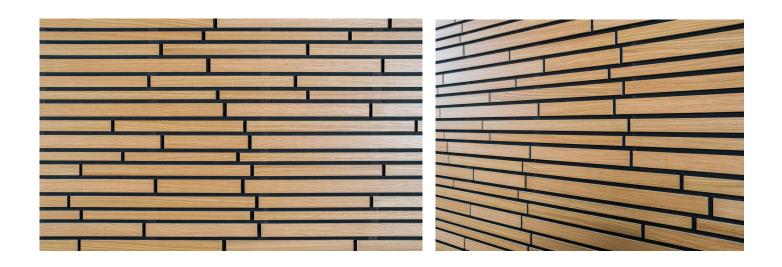
Wood veneer with a MDF core

#### **Bottom:**

Stone wool with a MDF frame







# **ACOUSTICAL PERFORMANCE**

Frequency (Hz):	Absorption coefficient:	
250	O.232	
500	O.579	
1000	0.784	
2000	O.817	

NRC: 0.60

SAA: 0.61

	Absorption Spectrum of Tested Panels	
1.000		
0.900 -		
0.800		
0.700 -		
0.600 - 0.500 - 0.400 -		\
0.500 -		
0.400		
0.300 -		
0.200		
0.100		
0.000 -		
	100 125 160 200 250 315 400 500 630 800 1000 1250 1600 2000 2500 3150 Frequency (Hz)	4000 5
	Panel Panel with 5/8" Spacer Panel with 1½" Spacer	



# **ENVIRONMENT**

**Stone wool:** Up to 29% recycled content

Responsibly sourced in North America

# PART OF OUR ZERO WASTE POLICY

Varnish:

Reused and/or recycled

Wood:

We maximize our production and product development to minimize waste. Any leftover is transformed into highly efficient clean-burning wood pellets







