




# Concealed Ceiling Panels


# Product Detail

<b>Application</b>	Ceiling
<b>Composition</b>	100% polyester
<b>Material</b>	FilaSorb™
<b>Recycled content</b>	60% min
<b>Weight</b>	12mm - 2.3 kg/m <sup>2</sup> 24mm - 4.8 kg/m <sup>2</sup>
<b>Thickness</b>	12mm +/- 10% 24mm +/- 10%
<b>Dimensions</b>	12mm x 600mm x 1200mm 24mm x 600mm x 1200mm 12mm x 1200mm x 1200mm 24mm x 1200mm x 1200mm Custom sizes upon request


# Sustainability




Made from 60% min. recycled content




Recyclable at end of lifespan




Generated using 40% solar energy



Declare Red List Free (3<sup>rd</sup> Party Verified)  
*\*12mm products only*



Total VOC's less than 0.5 mg/m<sup>3</sup> (3<sup>rd</sup> Party Verified)



Indoor Advantage Gold Certified.  
*\*12mm products only*



# Technical Data

<b>12mm</b>	
<b>Fire test method</b>	EN 13501-1: 2019
<b>Classification</b>	B-s1, d0
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<b>Water vapour sorption method</b>	ASTM C1104-2019 (Procedure A Modified)
<b>Water sorbed by weight</b>	0.20% (results based on a 12mm thick panel)
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<b>24mm</b>	
<b>Fire test</b>	Pending
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<b>12 &amp; 24mm</b>	
<b>Total VOC test method</b>	SCS-EC10.3-2014 v4.0 meeting standard CDPH/EHLB Standard Method v.1.2-2017
<b>Total VOC result</b>	≤ 0.5mg/m <sup>3</sup>
<b>Colourfastness test method</b>	ISO 105-B02
<b>Rating</b>	6-7

# Guarantees

<b>Lead time</b>	4-6 weeks
<b>Origin</b>	United Kingdom
<b>Warranty against defects</b>	20 years*
<b>Colourfastness warranty</b>	20 years*

\*Conditions apply

# Acoustic Performance

## Test method

12mm AS ISO 354-2006: Acoustic - Measurement of sound absorption in a reverberation room

24mm ASTM C423-17: Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method

## Installation method

12mm A

24mm E200, E400

## Rating method

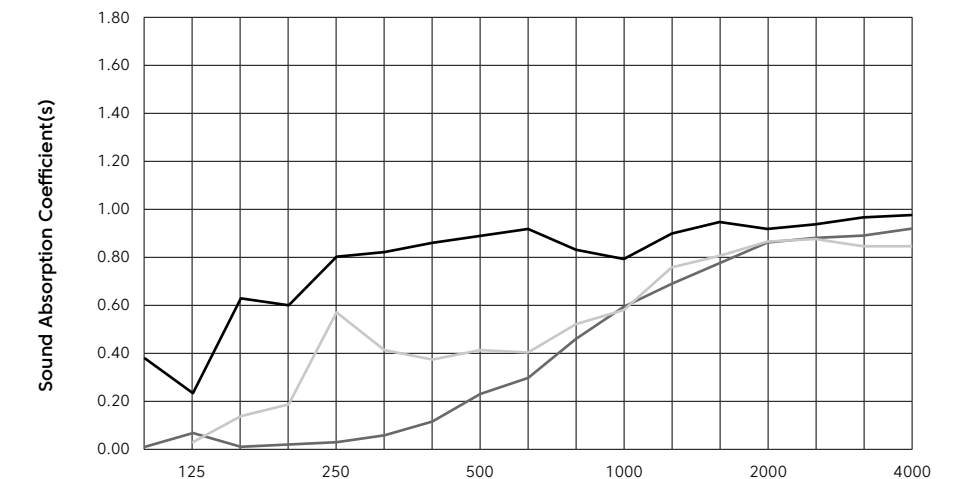
ISO 11654 -2002: Acoustics - Rating of sound absorption - Material and systems

## Test results

12mm 0.85 NRC 200mm gap | 0.90 aw 200mm air gap, Class A

12mm 0.80 NRC 400mm gap | 0.80 (H) aw 400mm air gap, Class B

24mm 0.60 NRC no air gap | 0.50 (LH) aw no air gap, Class D



Frequency f (Hz)	125	250	500	1000	2000	4000	NRC	Class Rating
12mm, 200mm air gap	0.22	0.81	0.90	0.80	0.93	0.99	0.85	Class A
12mm, 400mm air gap	0.55	0.75	0.70	0.90	0.95	1.00	0.80	Class B
24mm	0.02	0.57	0.41	0.58	0.87	0.85	0.60	Class D

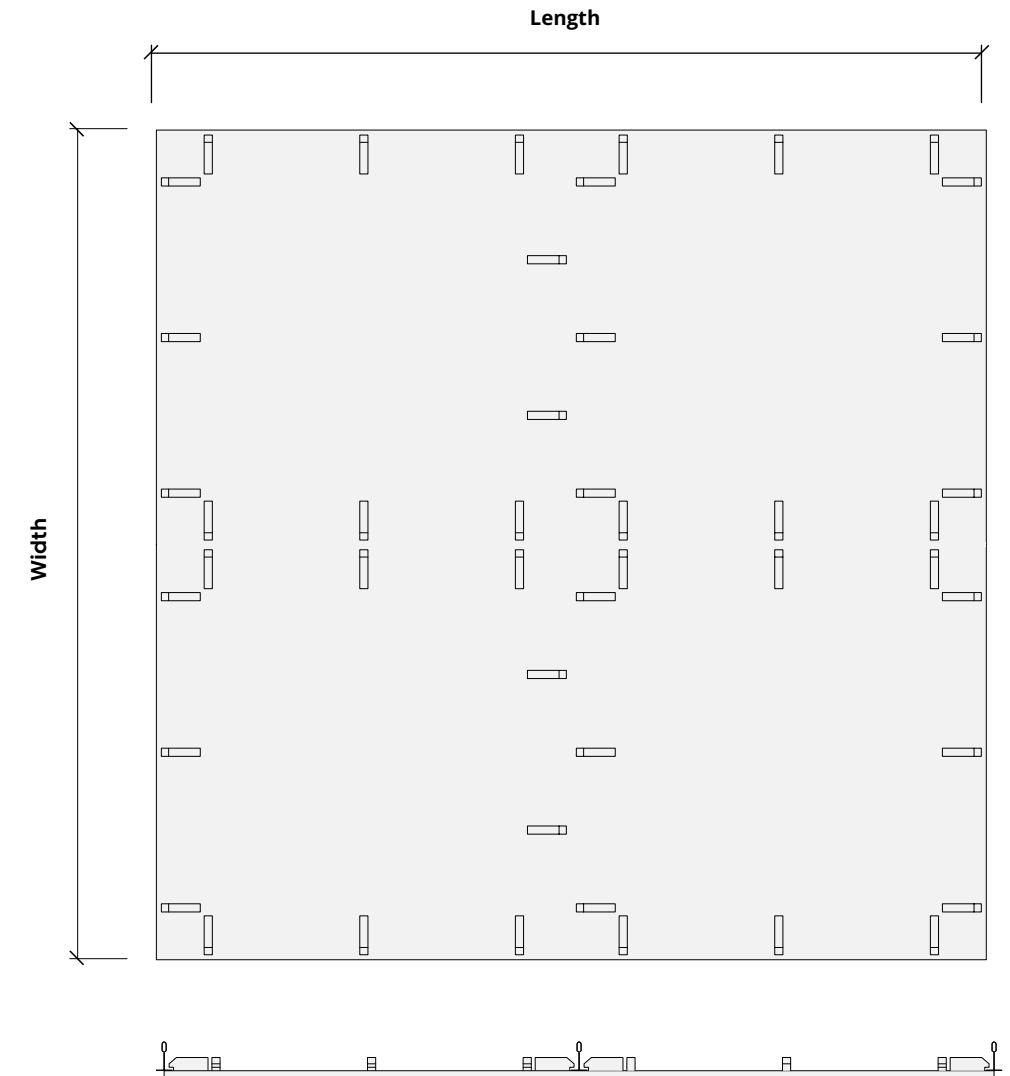
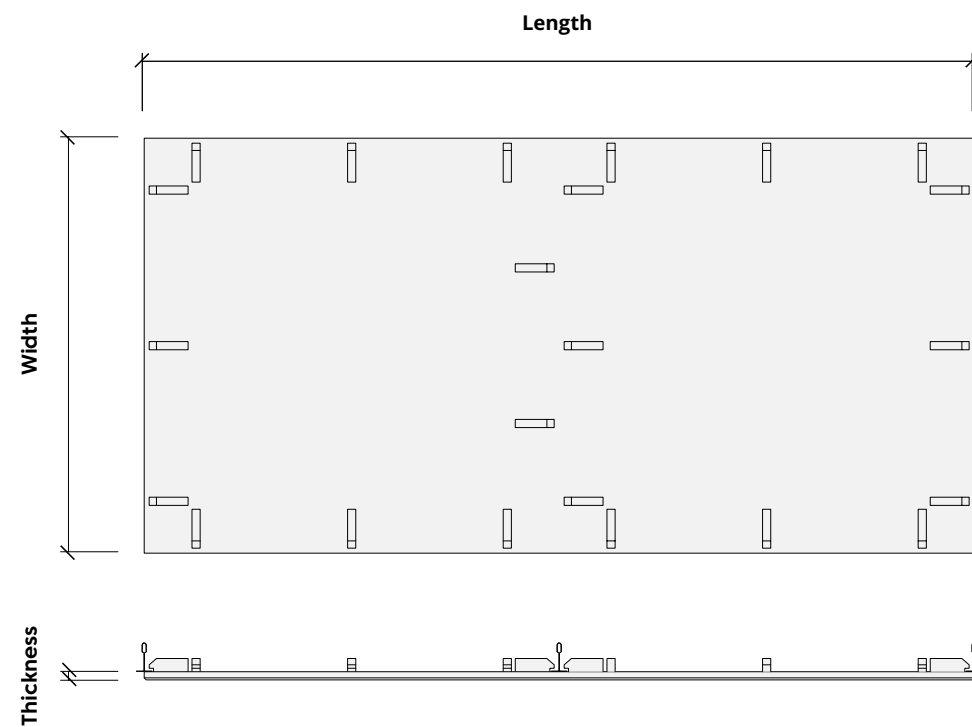
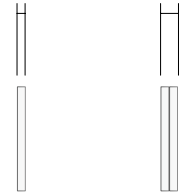
Performance Indices: **Noise Reduction Coefficient (NRC)** results represent the absorption coefficients measured at the one third octaves bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customisation of installation of the product could alter the results.

# Concealed Design

## Sizes

<b>Standard Lengths</b>	12mm x 600mm x 1200mm
	24mm x 600mm x 1200mm
	12mm x 1200mm x 1200mm
	24mm x 1200mm x 1200mm
	<i>Custom sizes available</i>
<b>Thickness</b>	12 & 24mm

**12mm thickness**      **24mm thickness**



*Note: for construction adhesive mounting method, panels will have a flush surface.*

# Premier Colourways



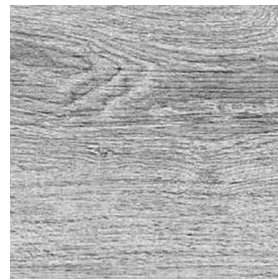
## Can't find a colour?

We are constantly updating our palette, which includes adding and discontinuing certain colour lines. If you can't find the colour you are looking for, please contact us with your colour request, as we may still have stock available.

# WoodGrain Prints



Picket Fence  
WQ01



Boat Shed  
WQ02



Wine Barrel  
WQ03



Log Cabin  
WQ04



Barn Door  
WQ05



Loft  
WQ06



White Elm  
WQ07



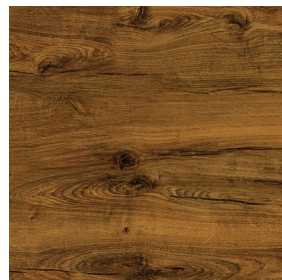
French Bobbin  
WQ08



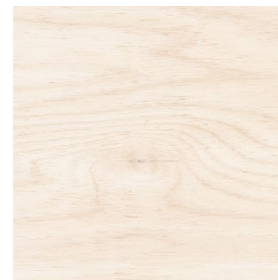
Charred Larch  
WQ09



Boardwalk  
WQ10



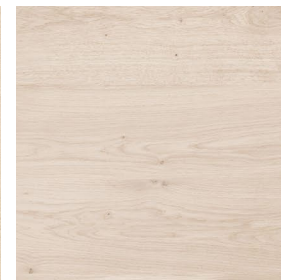
Antique Chest  
WQ11



Baltic Birch  
WQ12



White Oak  
WQ13



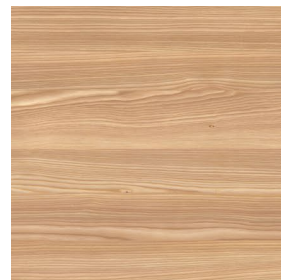
Weathered Slate  
WQ14



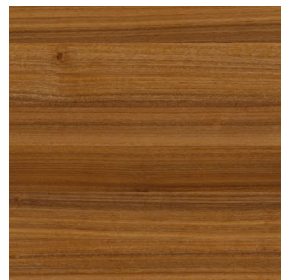
Nordic Plank  
WQ15



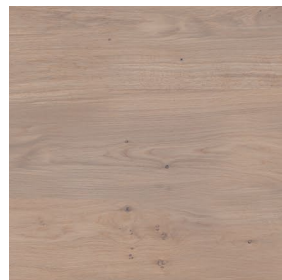
Natural Oak  
WQ16



European Larch  
WQ17



Teak  
WQ18



Fumed Oak  
WQ19



Black Walnut  
WQ20



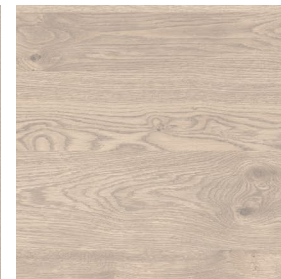
Driftwood  
WQ21



Woodland Fog  
WQ22



Petrified Ash  
WQ23



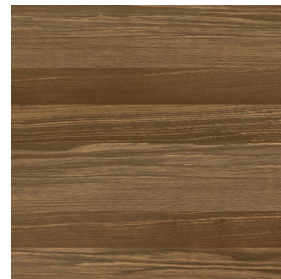
Mountain Lodge  
WQ24



Mocha Legno  
WQ25



Scorched Timber  
WQ26



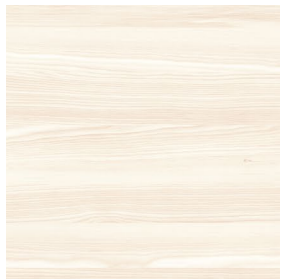
Espresso Oak  
WQ27



Shadow Oak  
WQ28



Knotty Spruce  
WQ29

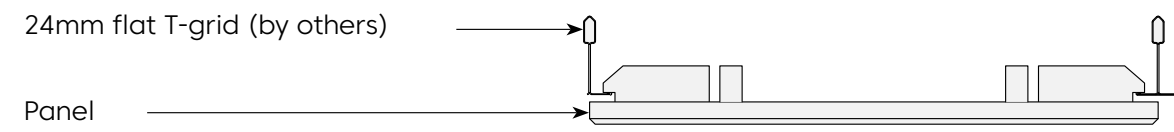


Lyed Larch  
WQ30

# Mounting Methods

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## Direct to 600x600mm T-grid



## Construction adhesive

