

acoufelt
making quiet



QuietForm™ Panels

Specifications

Application	Wall
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min. rPET
Weight	2400gsm
Thickness	12mm +/- 10%
Dimensions	1200 x 2800mm

Sustainability



Made from 60% min. recycled content



Declare Red List Free (3rd Party Verified)



Generated using 40% solar energy



Recyclable at end of lifespan



Total VOC's less than 0.5 mg/m³ (3rd Party Verified)



Technical Data

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

Details

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

*conditions apply

Acoustic Performance

Test method

ASTM C423-09a: Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method

Installation method

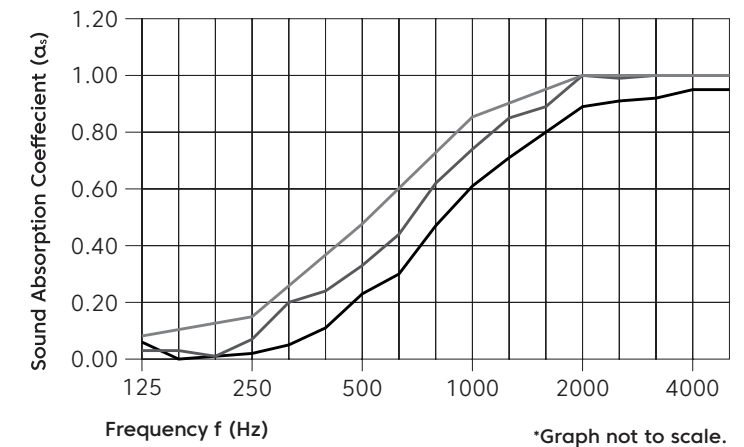
Mounting method A

Rating method

AS ISO 11654 -2002: Acoustics - rating of sound absorption - material and systems

Test results

no air gap - 0.45 NRC | 0.25 (H) aw, Class E
 12mm air gap - 0.54 NRC | 0.35 (MH) aw, Class D
 20mm air gap - 0.64 NRC | 0.40 (MH) aw, Class D



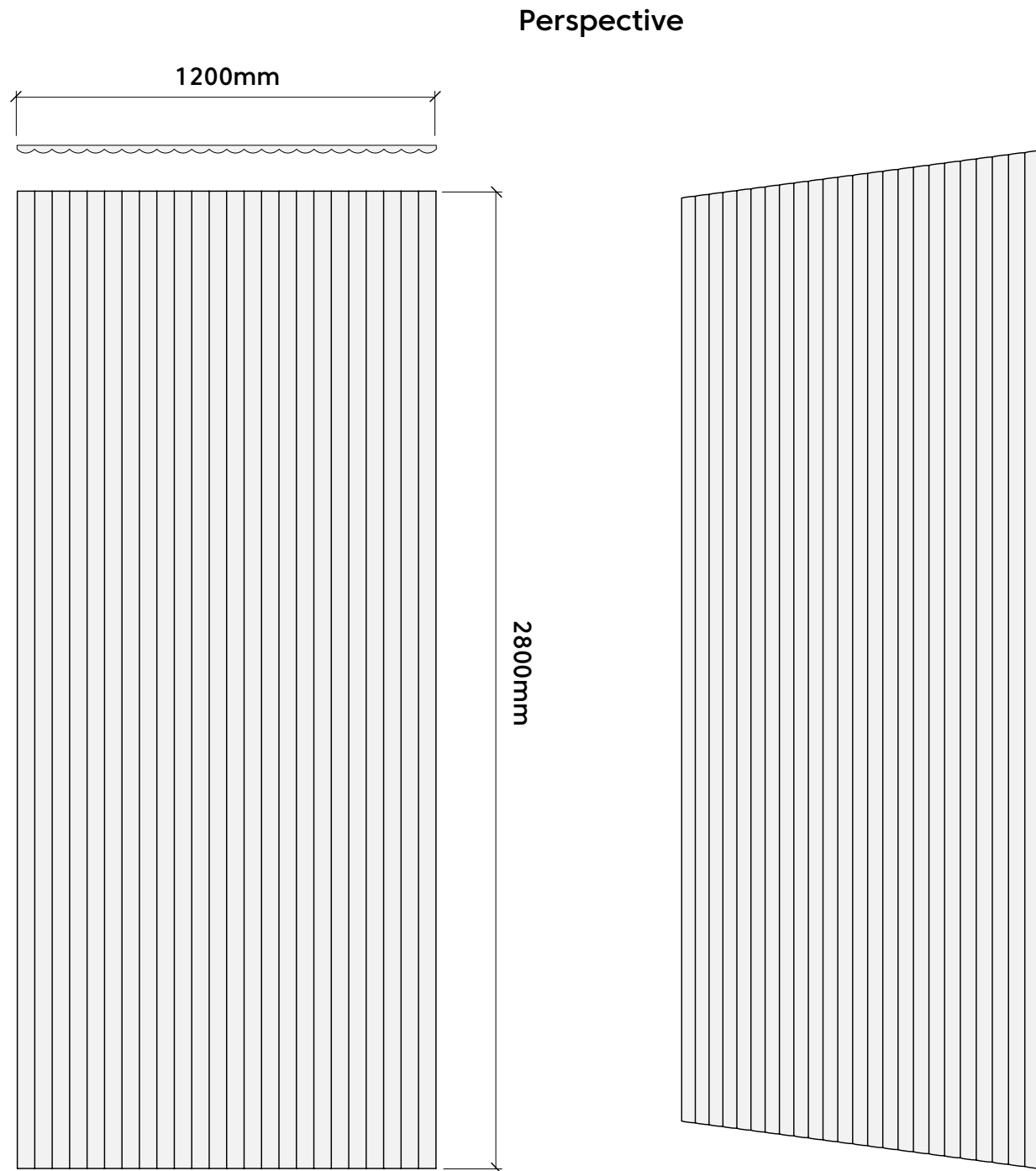
Frequency (Hz)	125	250	500	1000	2000	4000	NRC	Class Rating
12mm - α _s no air gap	0.06	0.02	0.23	0.61	0.89	0.95	0.45	Class E
12mm - α _s 12mm air gap	0.03	0.14	0.33	0.74	1.00	1.00	0.54	Class D
12mm - α _s 20mm air gap	0.05	0.16	0.48	0.85	1.00	1.00	0.64	Class D

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.

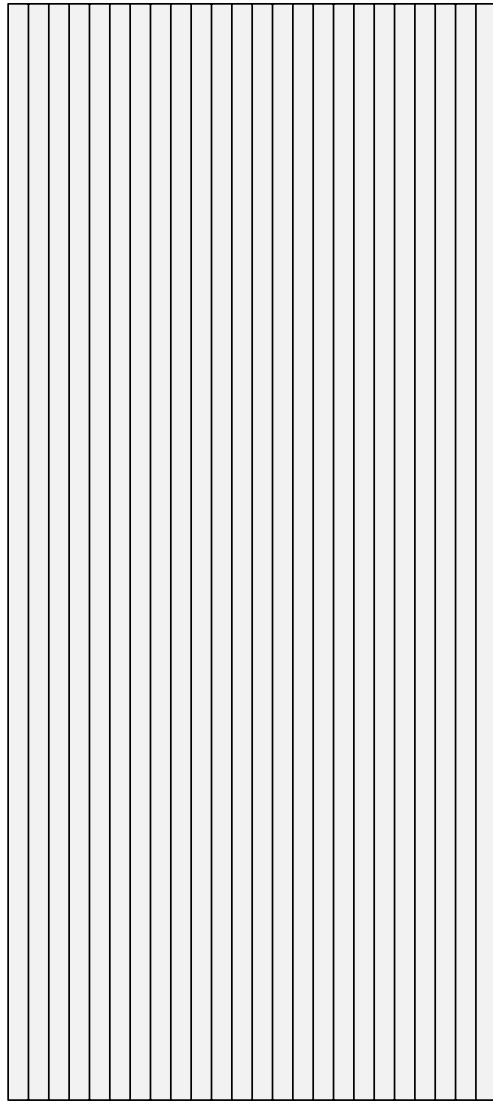
Panel Dimentions

Sizes

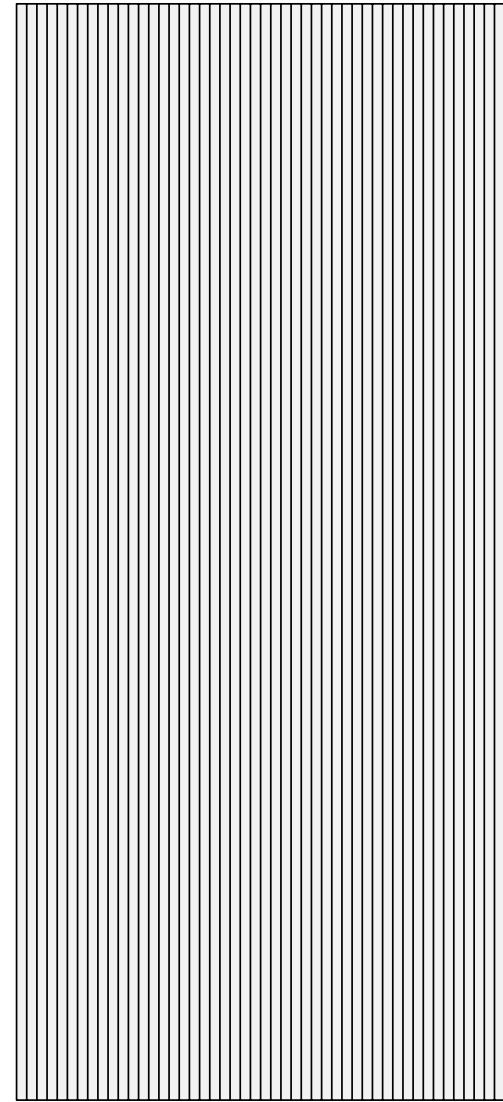
Thickness	12mm +/- 10%
Length	1200mm
Height	2800mm



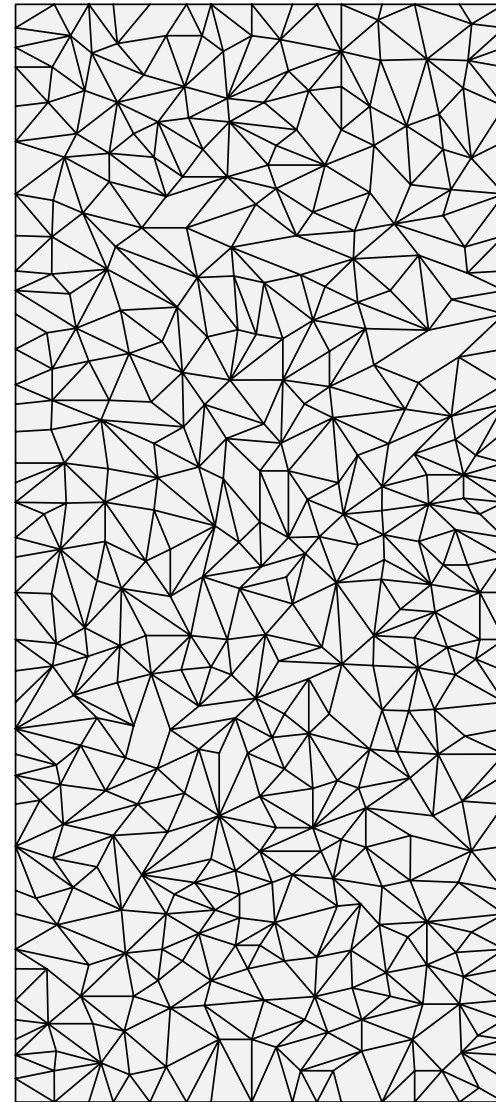
Patterns



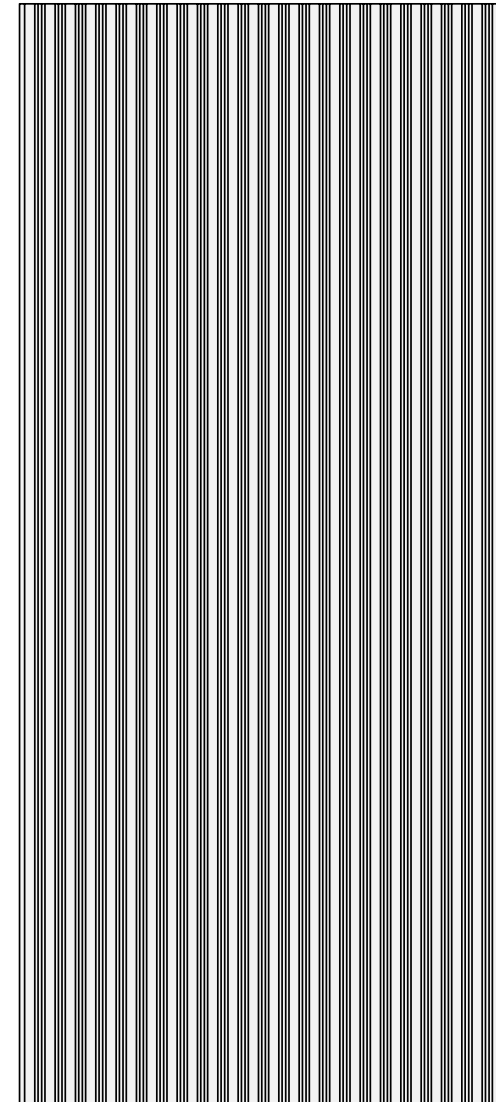
Celestial



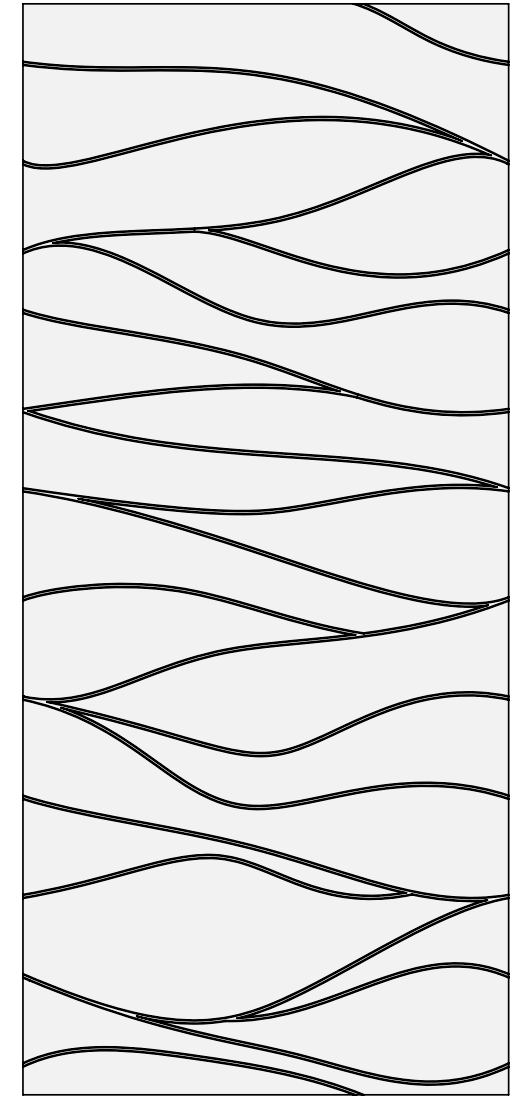
Flute



Kalos

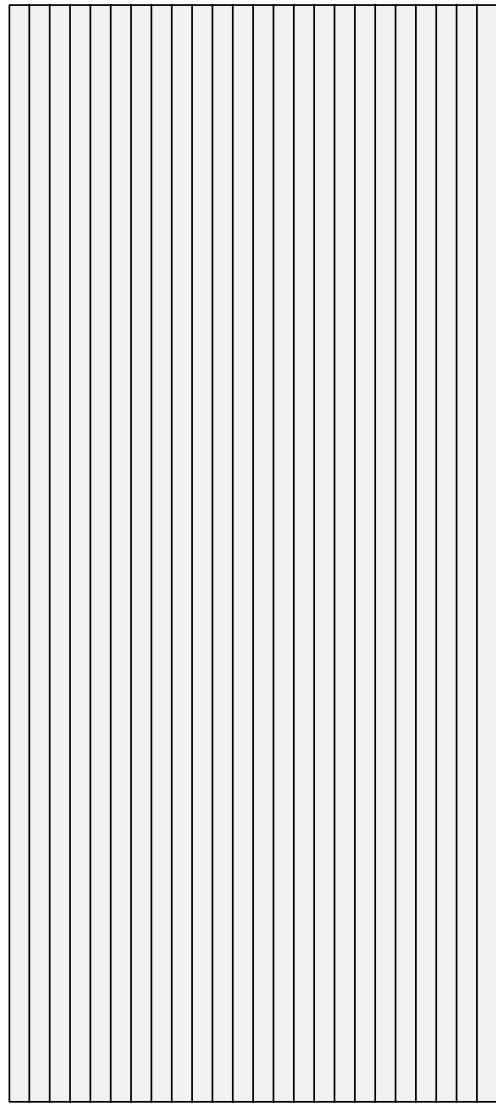


Pole

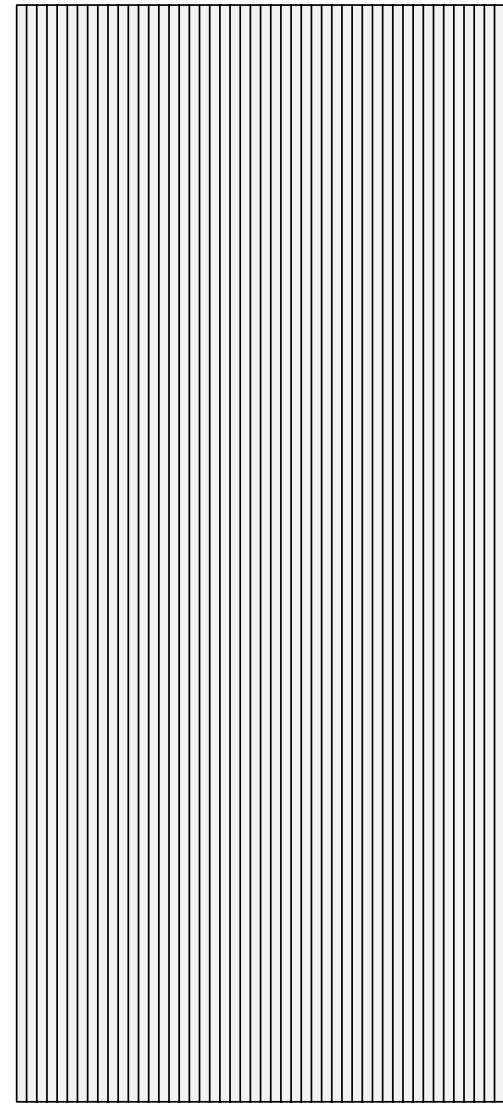


Stream

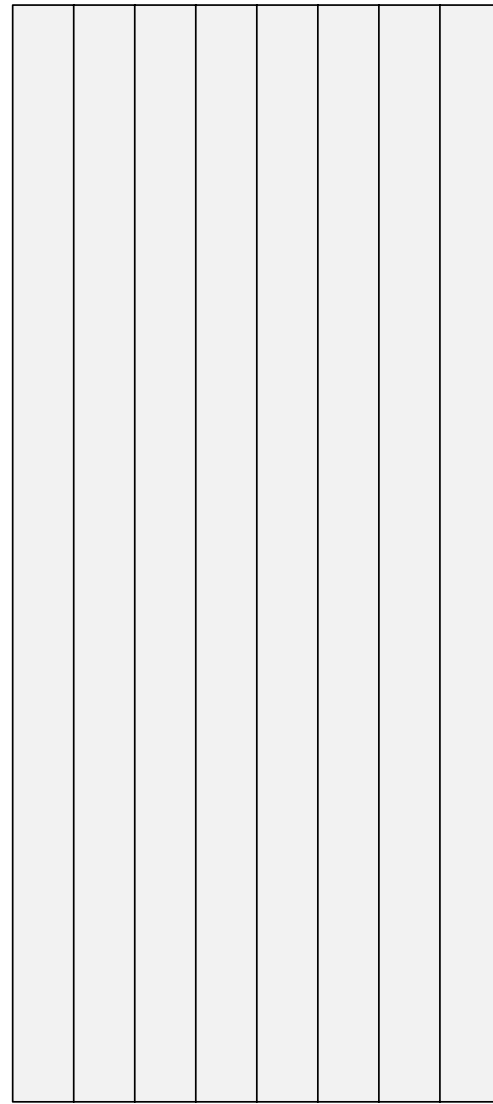
Patterns continued



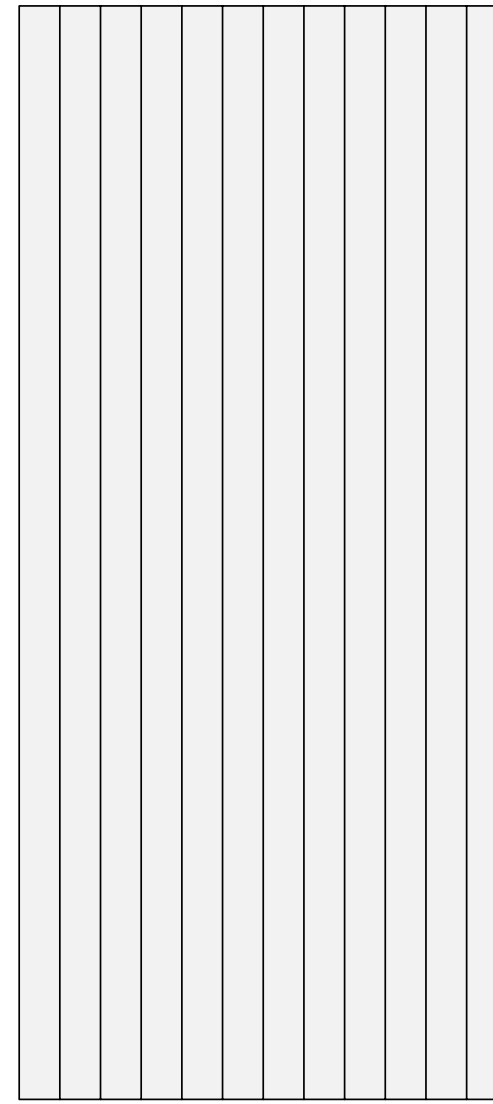
Ribbed A



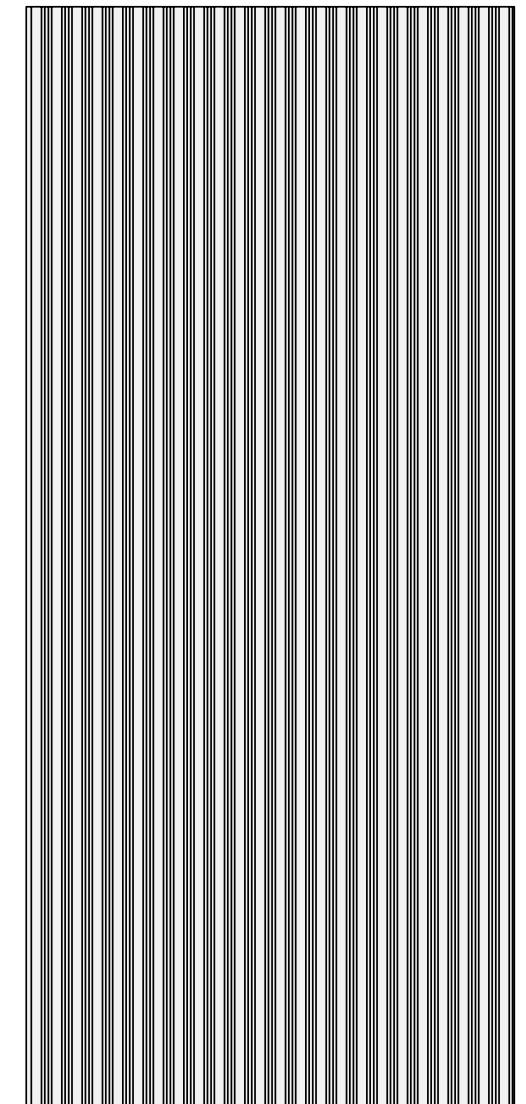
Ribbed B



Pathway

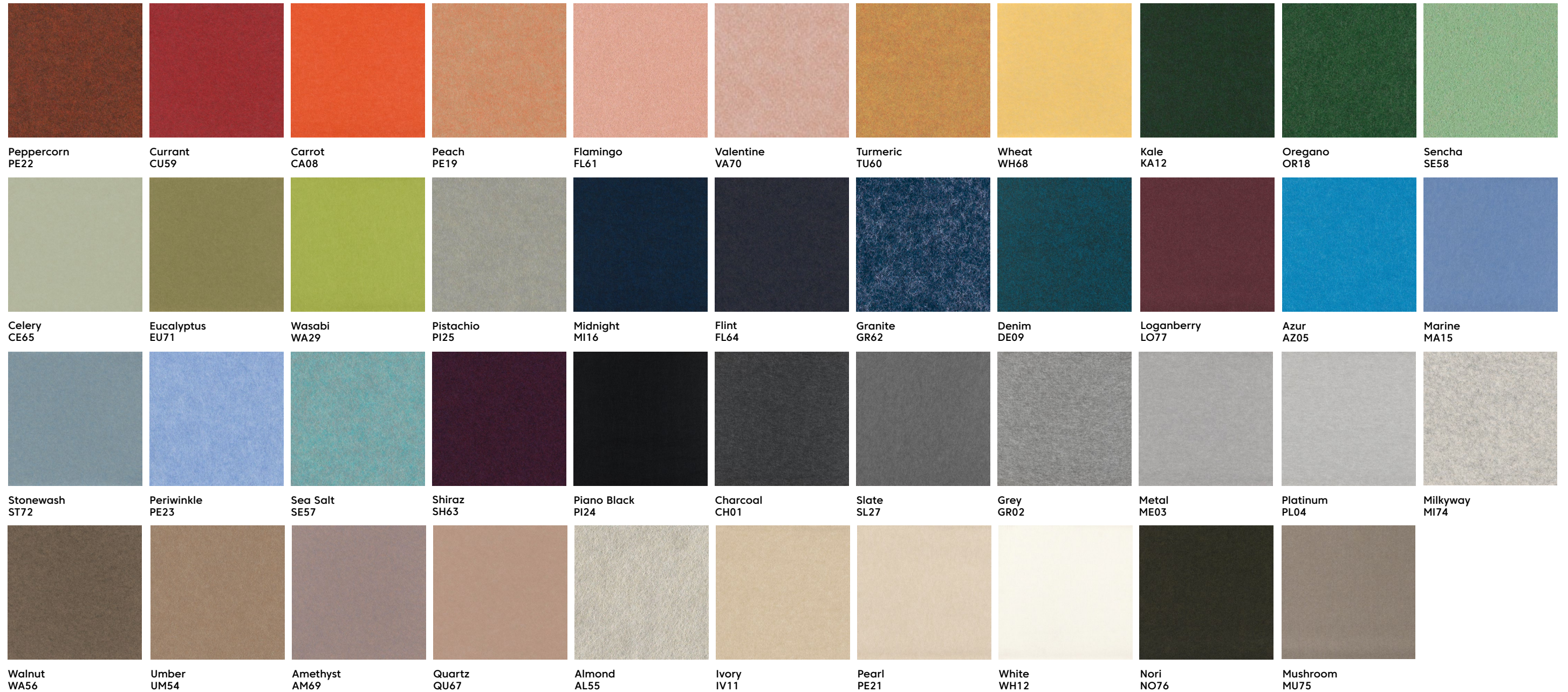


Fence



Furrowed

Premier Colourways



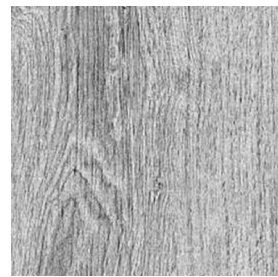
Can't find a colour?

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



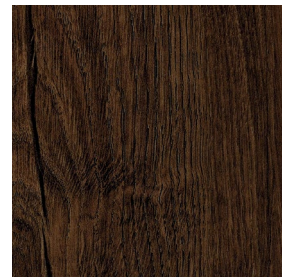
French Bobbin
WQ08



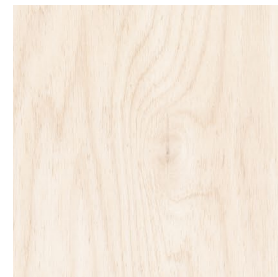
Charred Larch
WQ09



Boardwalk
WQ10



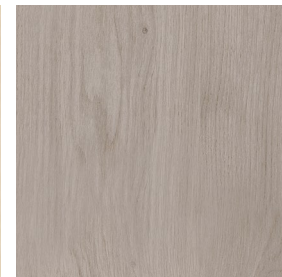
Antique Chest
WQ11



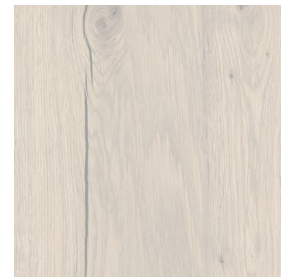
Baltic Birch
WQ12



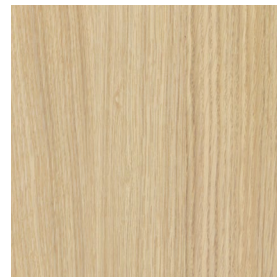
White Oak
WQ13



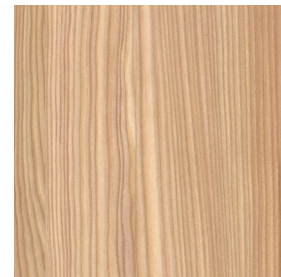
Weathered Slate
WQ14



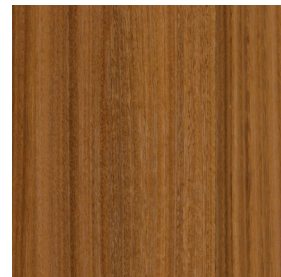
Nordic Plank
WQ15



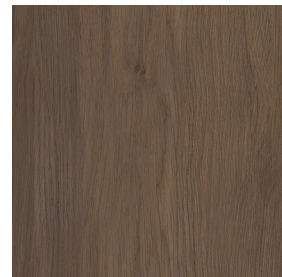
Natural Oak
WQ16



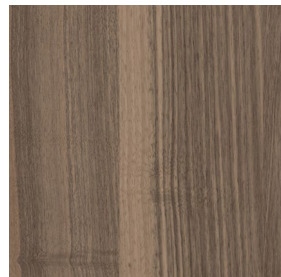
European Larch
WQ17



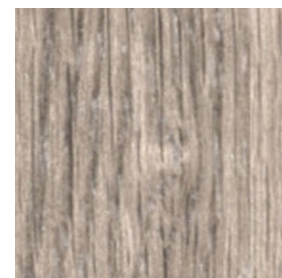
Teak
WQ18



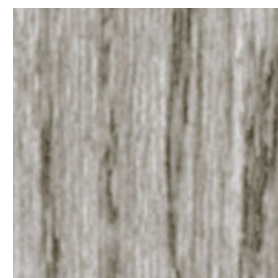
Fumed Oak
WQ19



Black Walnut
WQ20



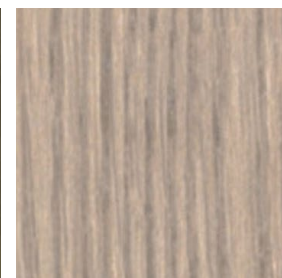
Driftwood
WQ21



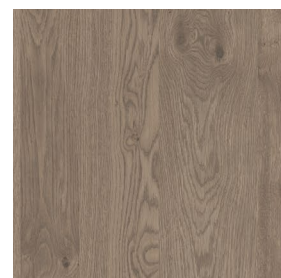
Woodland Fog
WQ22



Petrified Ash
WQ23



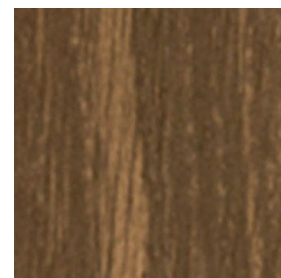
Mountain Lodge
WQ24



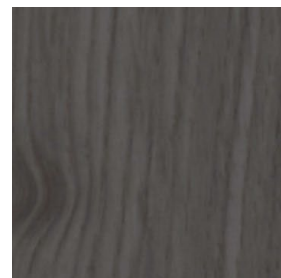
Mocha Legno
WQ25



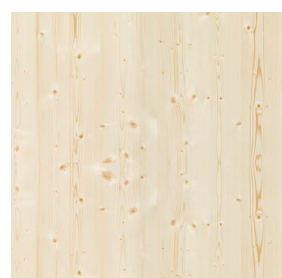
Scorched Timber
WQ26



Espresso Oak
WQ27



Shadow Oak
WQ28



Knotty Spruce
WQ29



Lyed Larch
WQ30

Mounting Methods

Construction Adhesive

