









Concealed Ceiling Panels

Product Detail

Application	Ceiling
Composition	100% polyester
Material	FilaSorb™
Recycled content	60% min
Weight	12mm - 2.3 kg/m² 24mm - 4.8 kg/m²
Thickness	12mm +/- 10% 24mm +/- 10%
Dimensions	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 rd Party Verified) <i>*12mm products only</i>
	Total VOC's less than 0.5 mg/m³ (3 rd Party Verified)		Indoor Advantage Gold Certified. <i>*12mm products only</i>



Technical Data

12mm	
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)
24mm	
Fire test	Pending
12 & 24mm	
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/m³
Colourfastness test method	ISO 105-B02
Rating	6-7

Guarantees

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

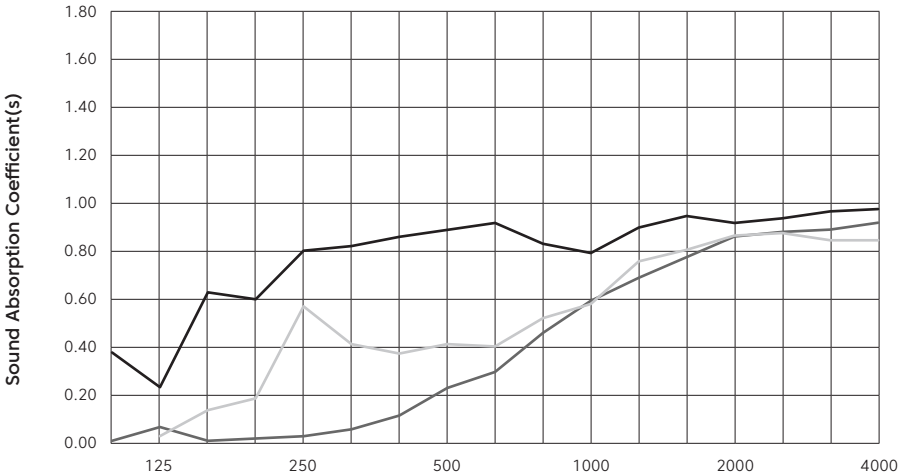
24mm E200, E400

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



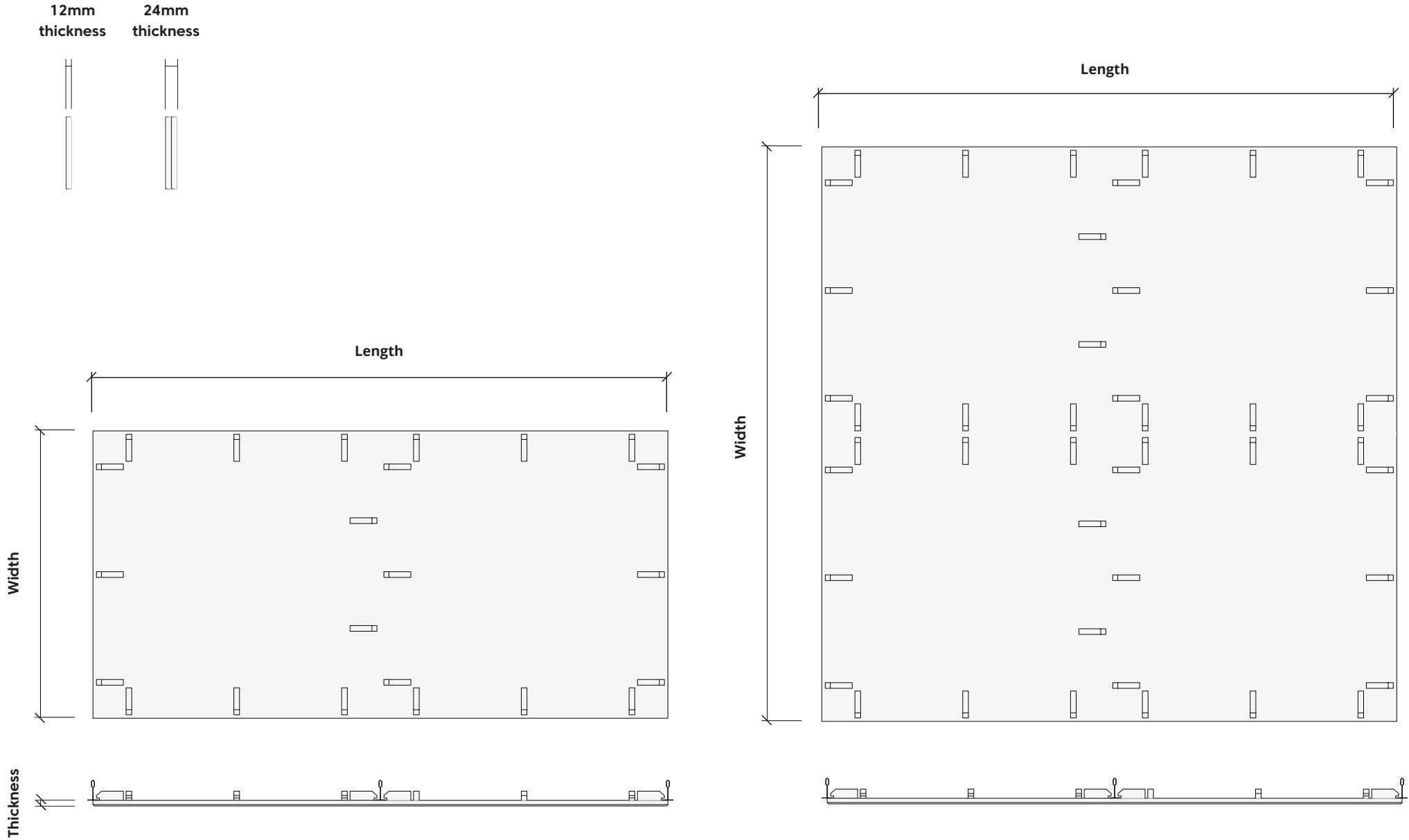
	Frequency f (Hz)	125	250	500	1000	2000	4000	NRC	Class Rating
	12mm, 200mm air gap	0.22	0.81	0.90	0.80	0.93	0.99	0.85	Class A
	12mm, 400mm air gap	0.55	0.75	0.70	0.90	0.95	1.00	0.80	Class B
	24mm	0.02	0.57	0.41	0.58	0.87	0.85	0.60	Class D

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


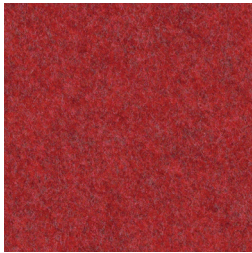
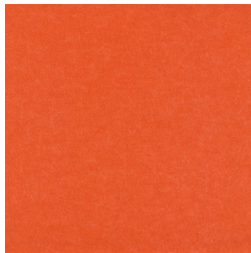

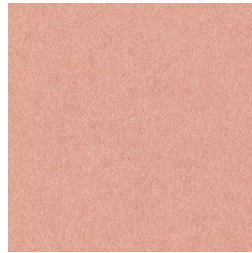
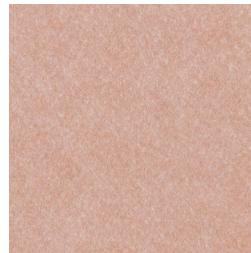

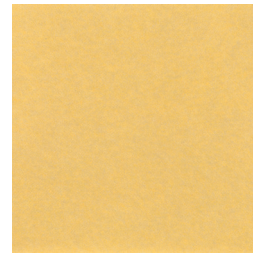
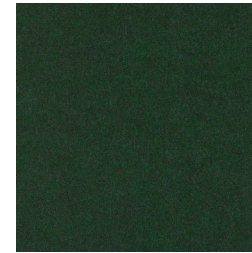
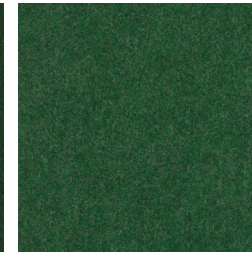
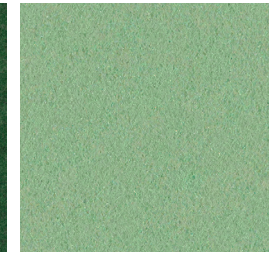



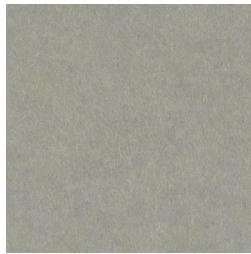
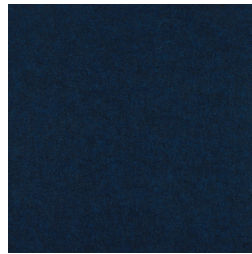

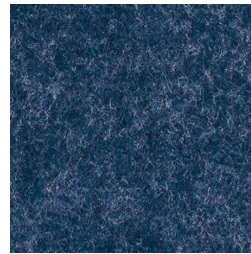
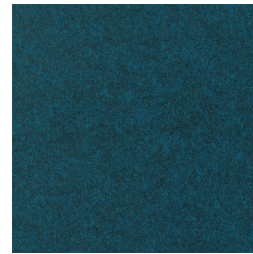

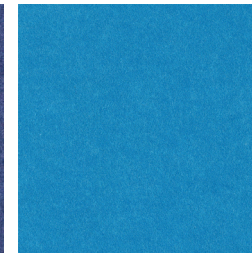
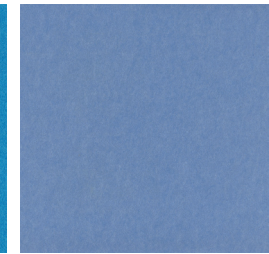

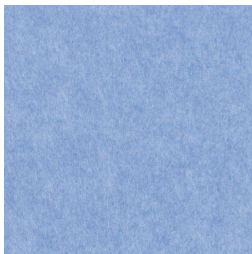
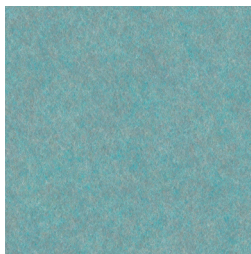
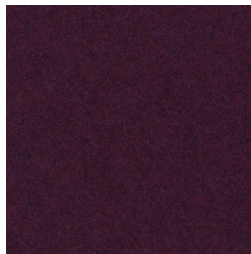









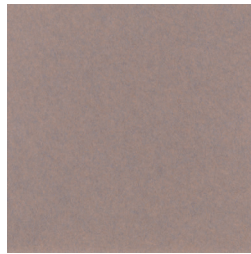
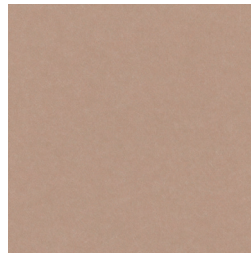



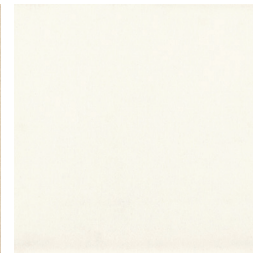
Sizes

Standard Lengths	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>
Thickness	12 & 24mm



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

FilaSorb™ Colourways

										
Peppercorn PE22	Currant CU59	Carrot CA08	Peach PE19	Flamingo FL61	Valentine VA70	Turmeric TU60	Wheat WH68	Kale KA12	Oregano OR18	Sencha SE58
										
Celery CE65	Eucalyptus EU71	Wasabi WA29	Pistachio PI25	Midnight MI16	Flint FL64	Granite GR62	Denim DE09	Iris IR10	Azur AZ05	Marine MA15
										
Stonewash ST72	Periwinkle PE23	Sea Salt SE57	Shiraz SH63	Piano Black PI24	Charcoal CH01	Slate SL27	Grey GR02	Metal ME03	Platinum PL04	Milkyway MI74
										
Walnut WA56	Umber UM54	Amethyst AM69	Quartz QU67	Almond AL55	Ivory IV11	Pearl PE21	White WH12			

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.

WoodBeQuiet™ 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



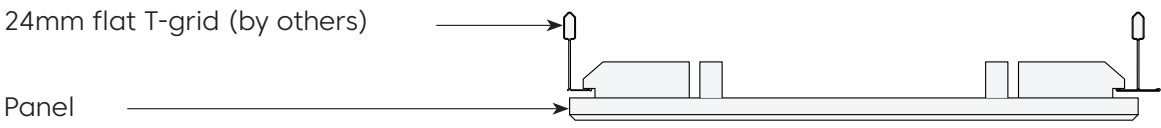
Knotty Spruce
WQ29



Lyed Larch
WQ30

Mounting Methods

Direct to 600x600mm T-grid



Construction adhesive

