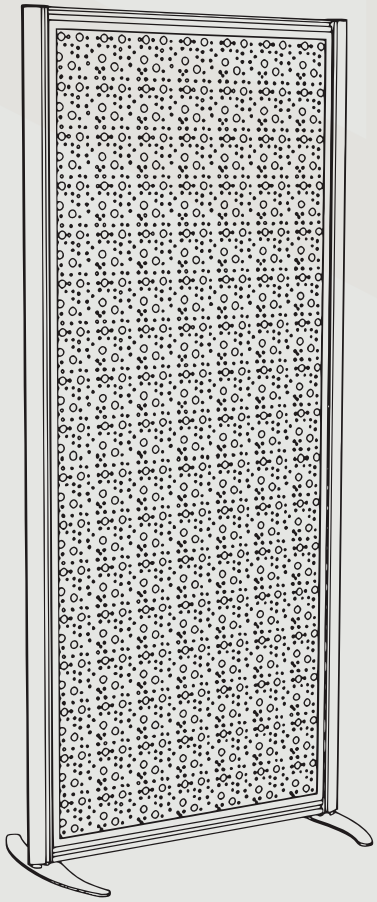
PARTITION

TECHNICAL DATA SHEET

SOUND RANGE



Panacoustik

Modular partition

arteck

OCTOBER 2026 · *VERSION 01*

Description

Modular acoustic partition and screen with an aluminium frame, double rPET absorptive skin and solid core. The freestanding system separates workstations and limits direct sound transmission while remaining reconfigurable. Offices, open-plan offices, reception areas and collaborative spaces.

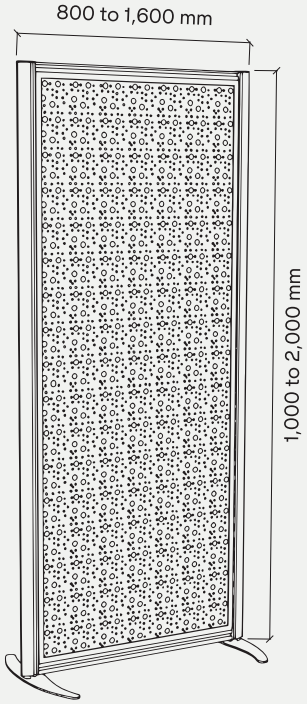
KEY DATA

14dB	**39mm**	**B-S2,D0**	Recycled and recyclable PET **100%**
INSERTION LOSS (ΔLpw)	THICKNESS	FIRE CLASSIFICATION	COMPOSITION

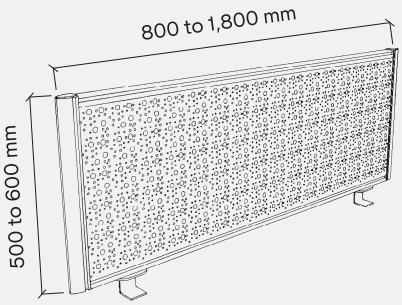
DIMENSIONS & TECHNICAL DRAWINGS

Partition	Length 800 to 1,600 mm Height 1,000 to 2,000 mm Thickness 39 mm
Screen	Length 800 to 1,800 mm Height 500 to 600 mm

PARTITION



SCREEN



Acoustic performance

14dB	14dB	13dB
INSERTION LOSS (ΔLpw) *ISO 717-1*	ΔLpw + C *ISO 717-1*	ΔLpw + Ctr *ISO 717-1*

INSERTION LOSS BY OCTAVE BAND

Frequency	*125*	*250*	*500*	*1000*	*2000*	*4000*
ΔL_p (dB)	8.1	12.8	11.3	13.6	17.6	17.9

Third-octave values from 100 to 10,000 Hz: see the test report.

Download the full Acoustic Test Report →

TEST CONDITIONS

Laboratory	CETIAT
Test reference no.	1831066
Date	02/08/2018
Test standard	Single-number ratings according to ISO 717-1
Test conditions	3 freestanding 1.20 × 1.80 m panels between two tables, semi-anechoic room
Tested composition	Acoustic PET fibre 2 × 20 mm, 40 kg/m³, 3 mm MDF board, 3 mm perforated melamine finish, 42 mm aluminium frame

Material information

Composition	Solid 3 mm MDF core wrapped in 2 × 15 mm rPET acoustic fibre panels, all covered with 2 × 3 mm micro-perforated wood panels
Thickness	39 mm (3 mm MDF + 2 × 15 mm rPET + 2 × 3 mm micro-perforated wood)
Density	40 kg / m^3
Weight	10 kg / m^2 - *Product weight: see price list*
Colors	2 wood colours: white or grey, and 2 aluminium colours: white or aluminium
Fire classification	NF EN 13501-1 - Euroclass B-s2,d0, all colours (M1 equivalent) Download the report →
Number of recycled bottles per m^2	96 plastic bottles (rPET)
Guarantee	10 years
Packaging and Conditioning	Cardboard packaging and plastic bubble protection, CFC-free and recyclable
Maintain	In case of a stain, dab with a clean, damp cloth as soon as possible

Certifications

In context





Installation

DESCRIPTION

Screw the levelling pads under the partition, tap the feet into place with a mallet, then level the assembly. Partitions can be connected using the specified joining profiles/strips; remove the feet at junctions where required by the configuration.

SUBSTRATE TYPE

Flat, stable floor for partitions; furniture compatible with the clamps for screen versions.

FIXINGS REQUIRED

SS/SR feet or clamps depending on the version; joining strips and alignment brackets included.

Contact us

SALES DEPARTMENT

Quotes within 48 working hours, manufacturing lead times, order tracking, custom-made and sample requests.

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