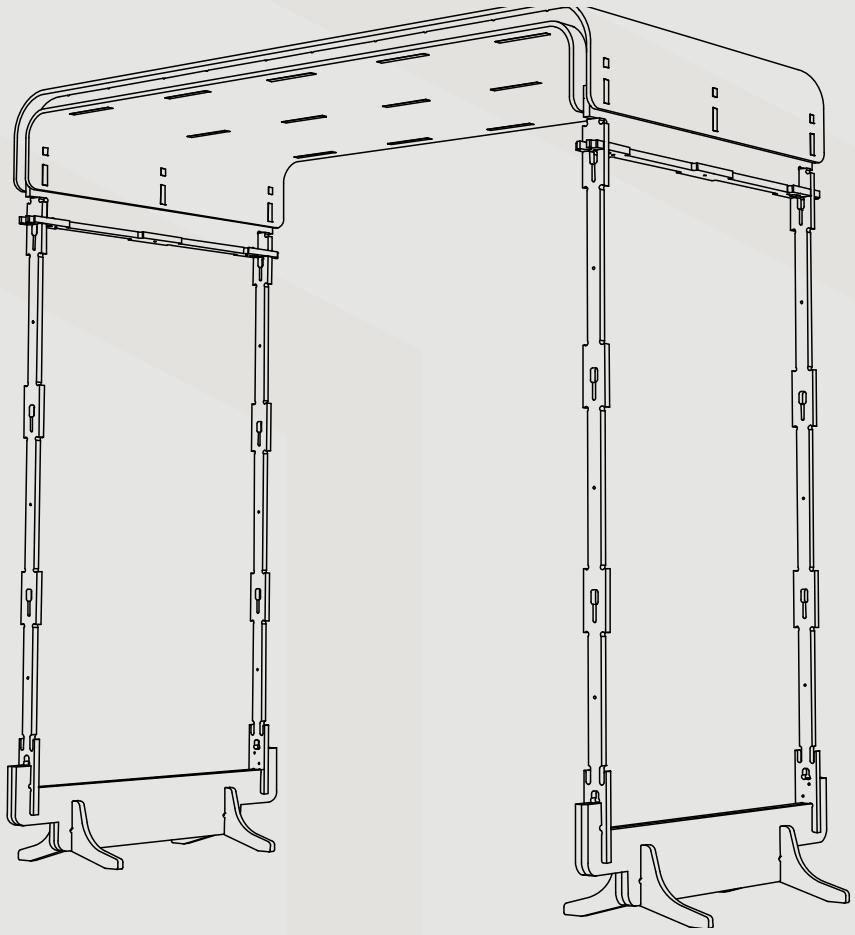
PARTITION

TECHNICAL DATA SHEET

ART'COUSTIK RANGE



Milano

Modular concept

arteck

OCTOBER 2026 • *VERSION 01*

Description

Freestanding modular acoustic concept in compact rPET, made of two walls connected by a timber structure to form an architectural module. Modules can be combined to create acoustic booths, passages, arches or privacy zones without fixed partitions. Offices, coworking spaces, reception areas and collaborative spaces.

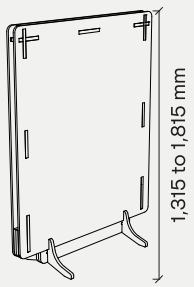
KEY DATA

0.70	C	12mm	B-S2,D0	Recycled and recyclable PET 100%
ABSORPTION COEFFICIENT (αW) *24 mm: 0.75*	ABSORPTION CLASS *12 and 24 mm*	THICKNESS *or 24 mm*	FIRE CLASSIFICATION	COMPOSITION

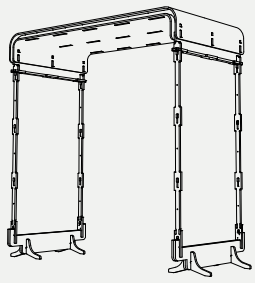
DIMENSIONS & TECHNICAL DRAWINGS

Length	600 to 1,000 mm
Height	1,315 to 1,815 mm
Thickness	60 mm *Complete solutions: contact us*

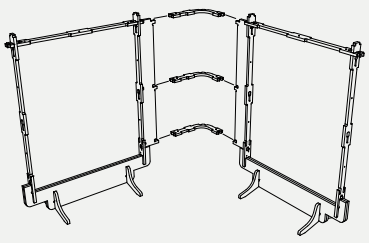
CONFIGURATIONS



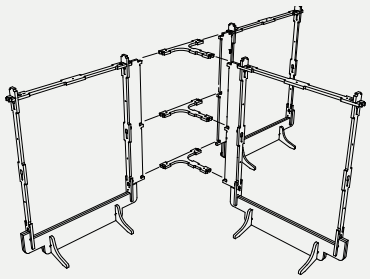
Partition



Bridge



Corner



T-corner

Acoustic performance

CONFIGURATION	ALPHA W (αW) ISO 11654	ABSORPTION CLASS ISO 11654	NRC ASTM C423	αS AT 1000 HZ NF EN ISO 354
12 mm	0.70	C	0.75	0.85
24 mm	0.75	C	0.90	1.00

SOUND ABSORPTION COEFFICIENT BY OCTAVE BAND

Frequency (Hz)	125	250	500	1000	2000	4000
12 mm	0.31	0.47	0.64	0.85	1.07	1.19
24 mm	0.38	0.54	0.72	1.08	1.29	1.37

Third-octave values from 100 to 5,000 Hz: see the test report.

Download the full Acoustic Test Report →

TEST CONDITIONS

Laboratory	CETIAT
Test reference no.	2030418
Date	30/06/2020
Test standard	NF EN ISO 354
Test conditions	Test conducted on a compact rPET surface raised 30 cm above the floor
Sample surface area	11.91 m^2

Material information

Composition	Thermally bonded rPET polyester fibre, through-dyed *100% recyclable · 60 to 80% recycled PET depending on colour*
Thickness	12 mm or 24 mm
Density	200 kg / m^3
Weight	2.4 kg / m^2 (12 mm) ; 4.8 kg / m^2 (24 mm) *- Product weight: see price list*
Colors	32 *- Non-standard colours on request*
Fire classification	NF EN 13501-1 - Euroclass B-s2,d0, all colours (M1 equivalent) Download the report →
Light reflectance	pvnh: 2-73% depending on colour (CSTB DBV-G-25-00060228) Download the report →
UV resistance	UV resistant 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. To disinfect and eliminate viruses, spray a diluted bleach solution (2%)

Certifications

In context







Installation

DESCRIPTION

Interlock the rPET elements around the timber structure, then place and stabilise the module on the floor. Modules can be combined to form arches, booths or compositions.

SUBSTRATE TYPE

Flat, stable floor with sufficient load-bearing capacity.

FIXINGS REQUIRED

No fixing to the building: interlocking assembly around the timber structure.

Contact us

SALES DEPARTMENT

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

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