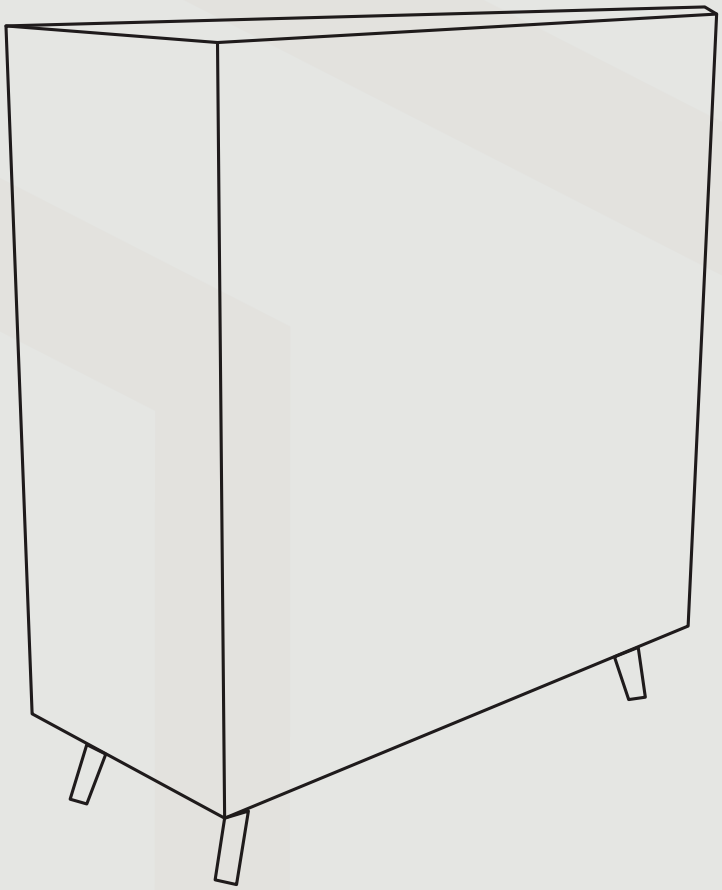
WALL

TECHNICAL DATA SHEET

ART'COUSTIK RANGE



Rio

rPET cabinet back

arteck

OCTOBER 2026 • *VERSION 01*

Description

Acoustic cabinet-back panel in compact rPET, fixed to furniture to turn an existing surface into an absorbing element. Square or rounded corners allow the finish to be adapted to the interior design.
Offices, open-plan offices and collaborative spaces.

KEY DATA

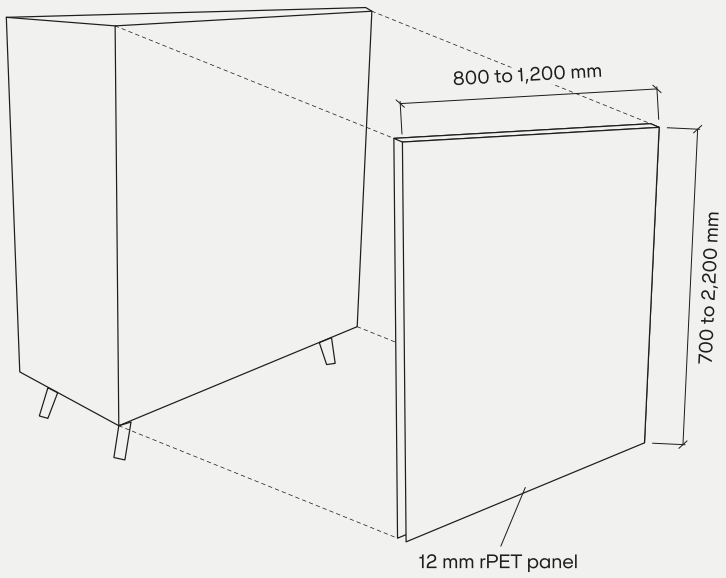
0.25	E	12mm	B-S2,D0	Recycled and recyclable PET 100%
ABSORPTION COEFFICIENT (αW) *24 mm: 0.45*	ABSORPTION CLASS *24 mm: D*	THICKNESS *or 24 mm*	FIRE CLASSIFICATION	COMPOSITION

DIMENSIONS & TECHNICAL DRAWINGS

Length	800 to 1,200 mm
Height	700 to 2,200 mm

Custom-made on request

PERSPECTIVE VIEW



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	0.25	E	0.40	0.52
24 mm	0.45	D	0.70	0.95

SOUND ABSORPTION COEFFICIENT BY OCTAVE BAND

Frequency (Hz)	125	250	500	1000	2000	4000
12 mm	0.02	0.05	0.21	0.52	0.82	0.98
24 mm	0.06	0.20	0.56	0.95	1.07	1.06

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 laid on 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

Position the cabinet-back panel on the furniture and hold it in place with magnets. Check compatibility and flatness of the metal surface before installation.

SUBSTRATE TYPE

Cabinet back or flat metal furniture surface compatible with magnets.

FIXINGS REQUIRED

Held in place with magnets.

Contact us

SALES DEPARTMENT

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

contact@arteck-design.fr
+33 4 72 08 58 70

Arteck Design
ZAC des Folliouses - Rue des Monts d'Or
01700 Miribel, France