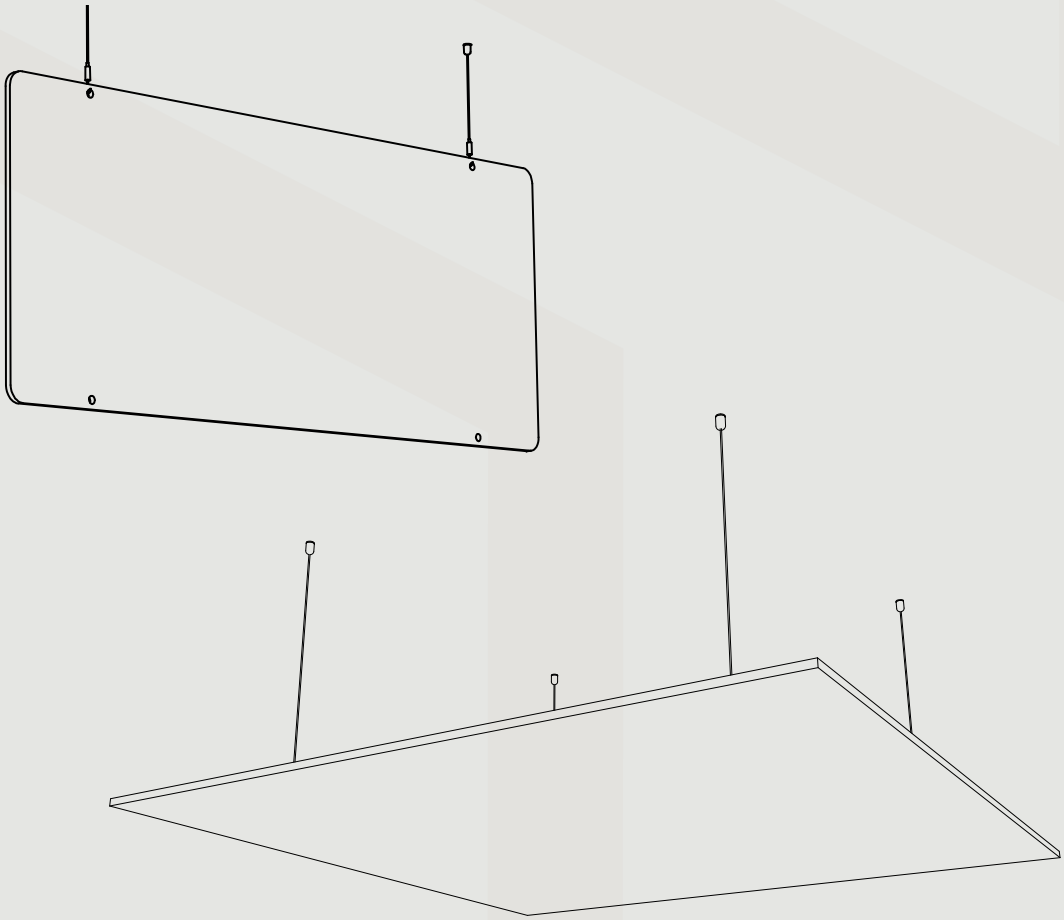
WALL / CEILING

TECHNICAL DATA SHEET

ART'COUSTIK RANGE



Porto

Suspended panel with square corners

arteck

OCTOBER 2026 • *VERSION 01*

Description

Suspended acoustic panel or baffle in compact rPET, available in rectangular or round geometries and several thicknesses. Vertical or horizontal installation allows the acoustic treatment to be adapted to the ceiling architecture. Offices, lobbies, restaurants and public buildings.

KEY DATA

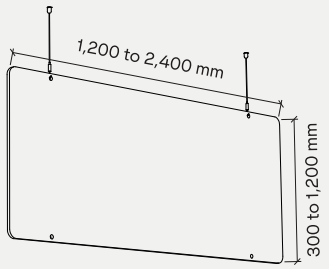
0.60	C	12mm	B-s2,d0	Recycled and recyclable PET 100%
ABSORPTION COEFFICIENT (αW) *up to 0.80 as 24 mm panel*	ABSORPTION CLASS *up to B as 24 mm panel*	THICKNESS *or 24 mm*	FIRE CLASSIFICATION	COMPOSITION

DIMENSIONS & TECHNICAL DRAWINGS

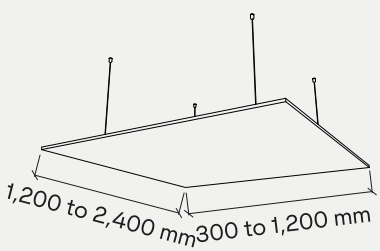
Rectangular	Length 1,200 to 2,400 mm Width 300 to 1,200 mm *Rounded or square corners*
Round	Diameter 600 to 1,200 mm

Custom-made on request

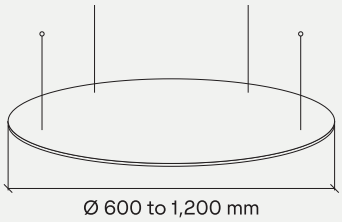
SUSPENDED BAFFLE



SQUARE PANEL



ROUND PANEL



Acoustic performance

CONFIGURATION	ALPHA W (αW) ISO 11654	ABSORPTION CLASS ISO 11654	NRC ASTM C423	αS AT 1000 HZ NF EN ISO 354
Baffle 12 mm	0.60	C	0.75	0.91
Baffle 24 mm	0.70	C	1.00	1.00
Panel 12 mm	0.70	C	0.75	0.85
Panel 24 mm	0.80	B	1.00	1.00

SOUND ABSORPTION COEFFICIENT BY OCTAVE BAND

Frequency (Hz)	125	250	500	1000	2000	4000
Baffle 12 mm	0.24	0.36	0.59	0.91	1.23	1.36
Baffle 24 mm	0.27	0.43	0.72	1.28	1.61	1.66
Panel 12 mm	0.31	0.47	0.64	0.85	1.07	1.19
Panel 24 mm	0.30	0.54	0.77	1.20	1.54	1.64

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.	2430543 / 2030418 / 2530595
Date	05/07/2024 / 30/06/2020 / 14/04/2025
Test standard	NF EN ISO 354
Test conditions	Test conducted on one baffle and one ceiling panel suspended horizontally
Sample surface area	11.52 m^2 (baffles) / 11.91 m^2 (12 mm panel) / 11.00 m^2 (24 mm panel)

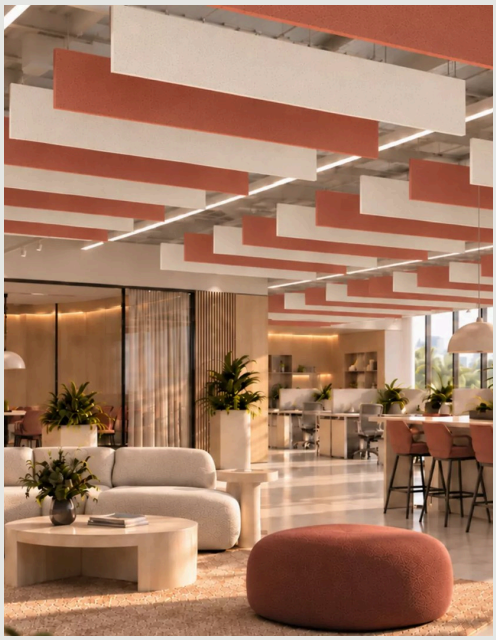
Material information

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 / m³
Weight	2.4 kg / m² (12 mm) ; 4.8 kg / m² (24 mm) *- Product weight: see price list*
Colors	32 colours in 12 mm, 5 colours in 24 mm *- 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 →
Moisture resistance	Class C - 62 days at 30 °C / 95% RH, no visible deterioration Download the report →
Chlorinated environment	Class D - 64 days at ≥ 10 ppm chlorine, no visible deterioration Download the report →
Impact resistance	Download the report →
Number of recycled bottles per m²	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

Assemble the panel or baffle, then suspend the element using adjustable cables. Fixings may be anchored to the slab or, with the appropriate accessory, to a suspended-ceiling structure; maintain alignment between ceiling panels.

SUBSTRATE TYPE

Load-bearing slab/ceiling; suitable suspended-ceiling structure with the specific accessory.

FIXINGS REQUIRED

Kits with adjustable stainless-steel cables and stiffeners/angles; substrate anchors not supplied depending on the configuration.

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