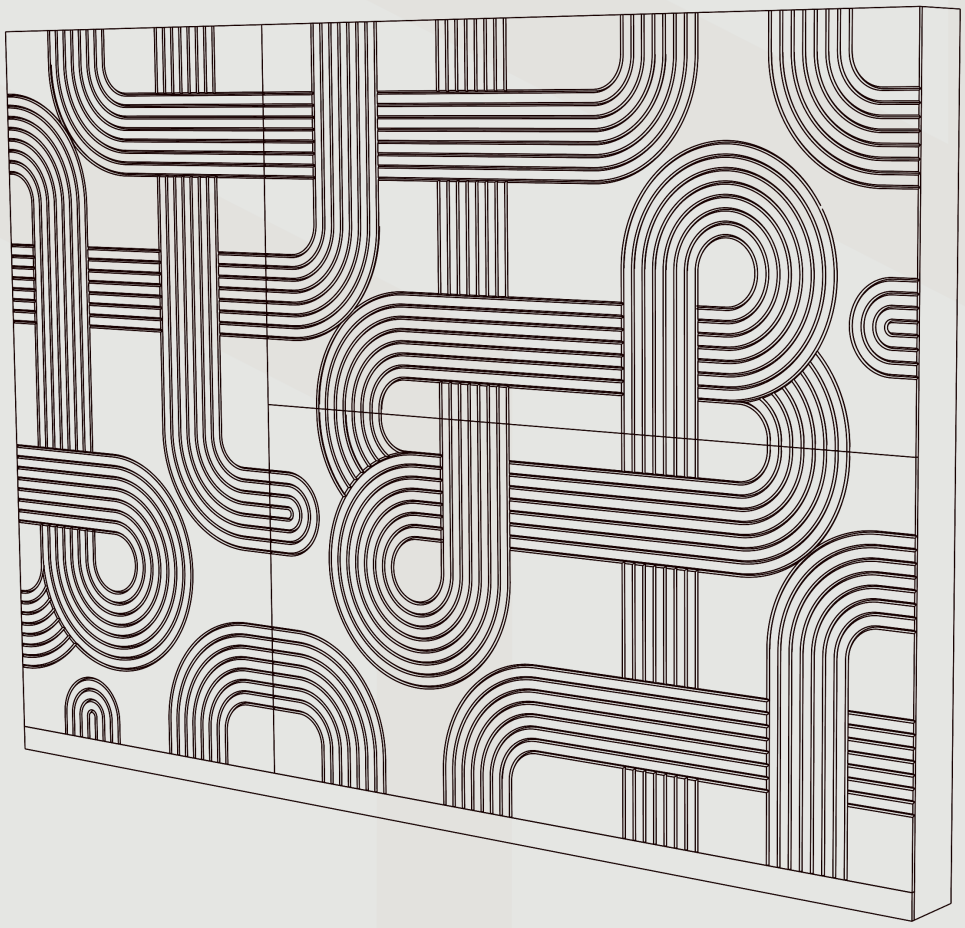
WALL

TECHNICAL DATA SHEET

ART'COUSTIK RANGE



Macao

Grooved rPET panel

arteck

OCTOBER 2026 • *VERSION 01*

Description

Grooved acoustic wall covering in 12 mm compact rPET, through-dyed or printed, designed to create a continuous linear effect. It can be installed directly or on a frame to adapt both the decorative effect and acoustic performance. Offices, hotels, reception areas, restaurants and public buildings.

KEY DATA

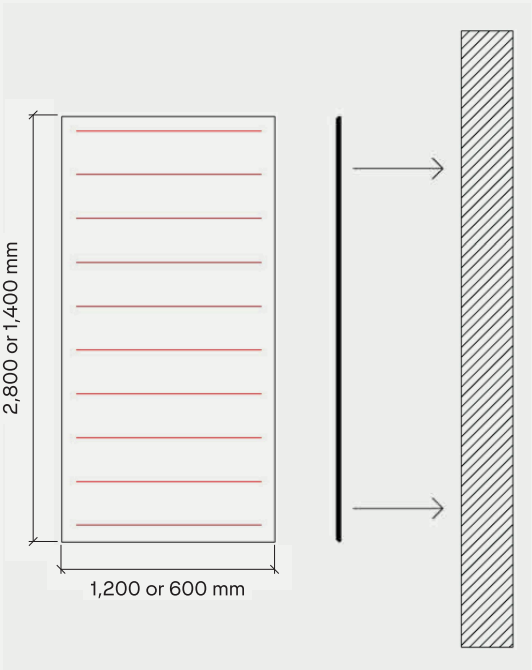
0.25	E	12mm	B-S2,D0	Recycled and recyclable PET 100%
ABSORPTION COEFFICIENT (αW) *up to 0.90 on frame*	ABSORPTION CLASS *up to A on frame*	THICKNESS	FIRE CLASSIFICATION	COMPOSITION

DIMENSIONS & TECHNICAL DRAWINGS

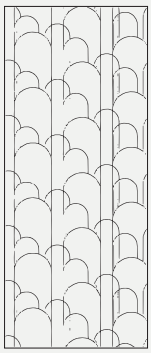
Length	2,800 or 1,400 mm
Width	1,200 or 600 mm *1,400 × 1,200 sold in pairs ; 1,400 × 600 sold in sets of 4*

Custom-made on request

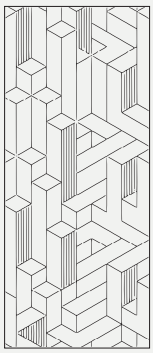
FRONT VIEW



Patterns



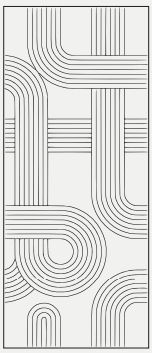
Alegra



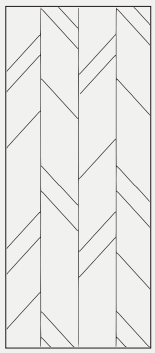
City



Curve



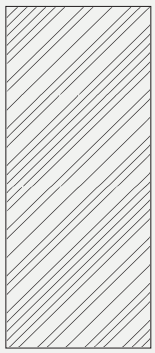
Elec



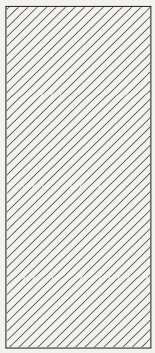
Epi



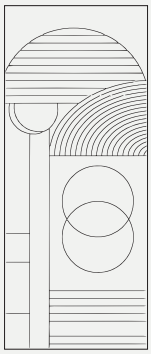
Diag 1



Diag 2



Diag 3



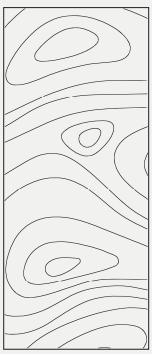
Geo



Leaf



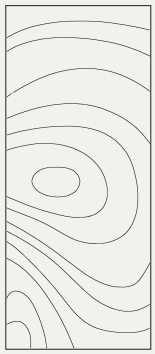
Ondulation 1



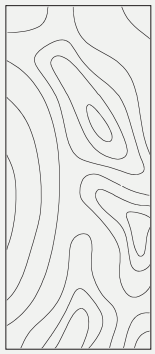
Ondulation 2



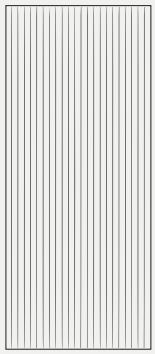
Ondulation 3



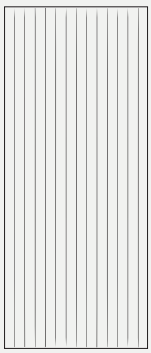
Ondulation 4



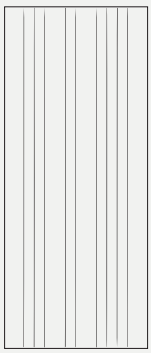
Ondulation 5



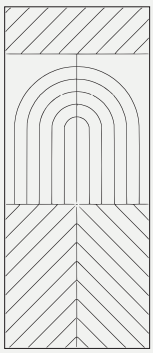
Line



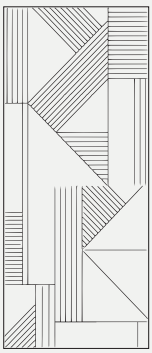
Line 2



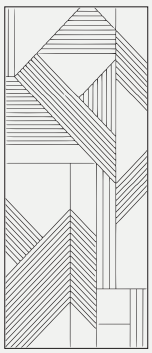
Line 3



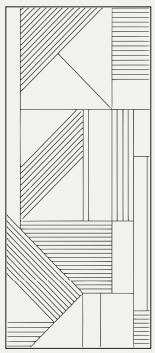
Multi



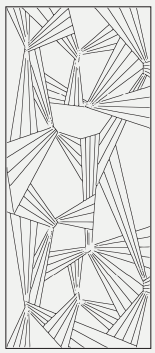
Origami 1



Origami 2



Origami 3



Gem



Zen

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 - direct installation	0.25	E	0.40	0.52
12 mm - frame, 60 mm air gap	0.60	C	0.75	1.00
12 mm - frame + 60 mm rPET	0.85	B	0.90	1.00
12 mm - frame + 60 mm Alpharock	0.90	A	0.95	1.00

SOUND ABSORPTION COEFFICIENT BY OCTAVE BAND

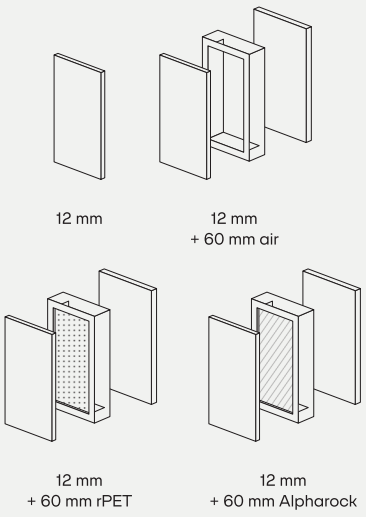
Frequency (Hz)	125	250	500	1000	2000	4000
12 mm - direct installation	0.02	0.05	0.21	0.52	0.82	0.98
12 mm - frame, 60 mm air gap	0.15	0.30	0.65	1.00	1.10	1.10
12 mm - frame + 60 mm rPET	0.35	0.60	0.85	1.10	1.10	1.20
12 mm - frame + 60 mm Alpharock	0.55	0.65	0.85	1.15	1.20	1.25

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 / 2630721
Date	30/06/2020 / 20/07/2026
Test standard	NF EN ISO 354
Test conditions	Test conducted on 6 samples placed on the floor
Sample surface area	11.91 m² (direct installation) / 1.44 m² (frame)



Material information

Composition	Thermally bonded rPET polyester fibre, through-dyed *100% recyclable · 60 to 80% recycled PET depending on colour*
Thickness	12 mm
Density	200 kg / m^3
Weight	2.4 kg / m^2 - *Product weight: see price list*
Colors	32 + wood prints - *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

Wall installation can be by direct bonding (contact or PU adhesive), screws/nails, magnets or Velcro hook-and-loop fasteners. Installation on a 60 mm frame is also possible, with the rPET fixed by adhesive or screws and optional 60 mm rPET or rock wool infill.

SUBSTRATE TYPE

Flat, stable wall for direct installation; stable frame/battens for installation with a 60 mm air gap.

FIXINGS REQUIRED

Two options: contact or PU adhesive - not supplied; or screws/nails - fixings not supplied. Magnets, Velcro or a 60 mm frame are possible 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