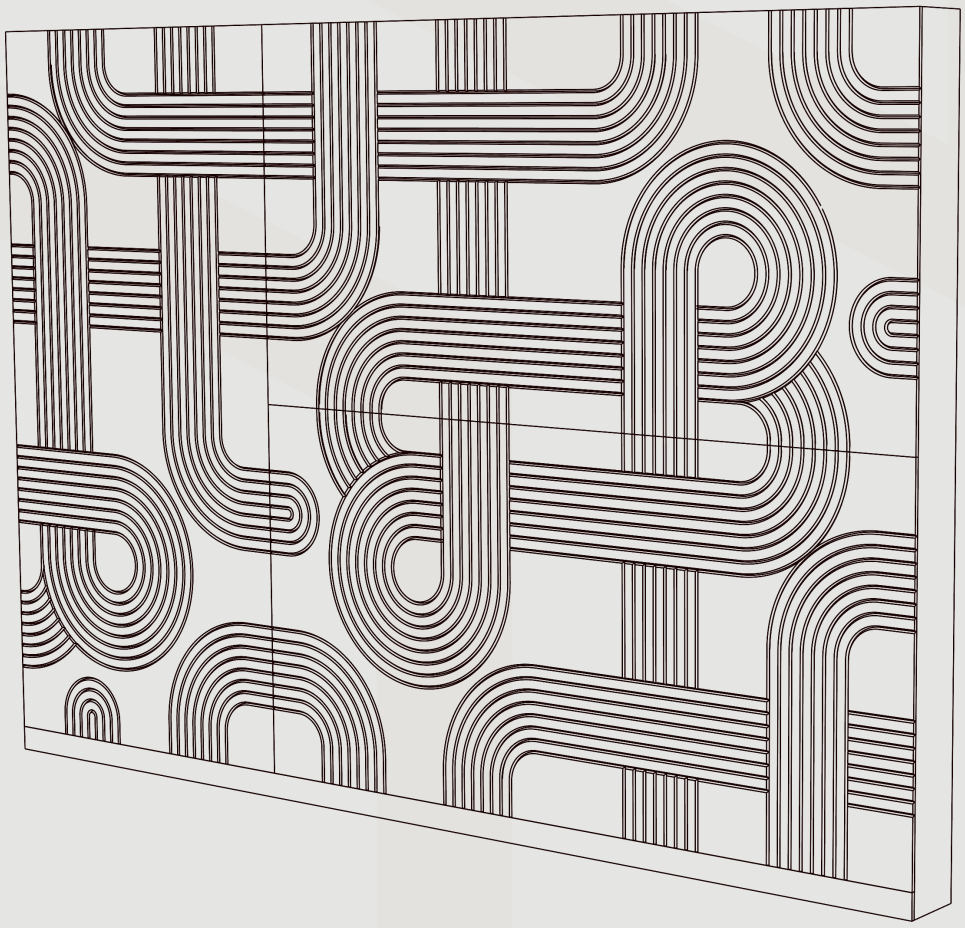
WALL

TECHNICAL DATA SHEET

ART'COUSTIK RANGE



Macao 24 mm

Grooved rPET panel

arteck

OCTOBER 2026 · *VERSION 01*

Description

Grooved acoustic wall covering in 24 mm compact rPET, designed to provide greater thickness and absorption than the standard version. The large panels enable continuous surfaces to be treated efficiently with a linear design. Offices, reception areas, hotels, restaurants and public buildings.

KEY DATA

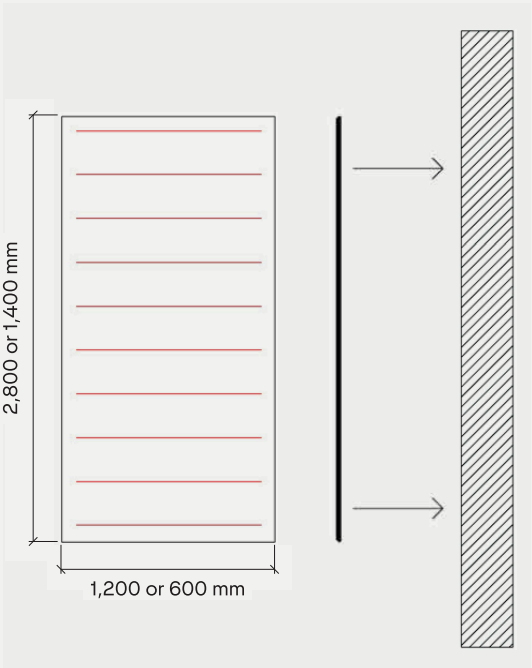
0.45	D	24mm	B-S2,D0	Recycled and recyclable PET 100%
ABSORPTION COEFFICIENT (αW)	ABSORPTION CLASS	THICKNESS	FIRE CLASSIFICATION	COMPOSITION

DIMENSIONS & TECHNICAL DRAWINGS

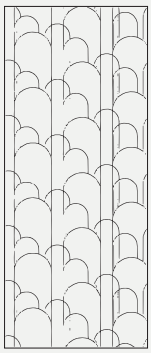
Length	2,800 or 1,400 mm
Width	1,200 or 600 mm *1,400 × 600 mm available in 1,400 mm length only*

Custom-made on request

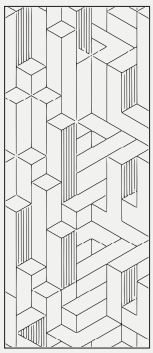
FRONT VIEW



Patterns



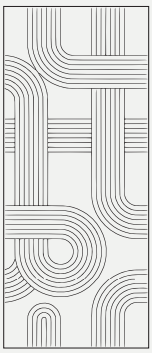
Alegra



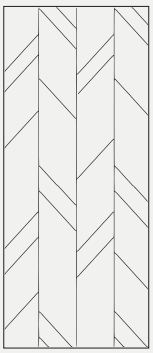
City



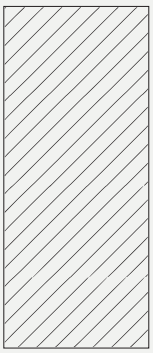
Curve



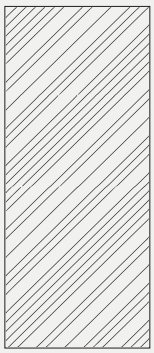
Elec



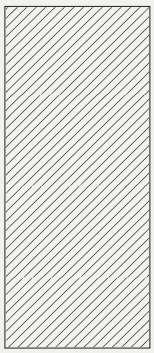
Epi



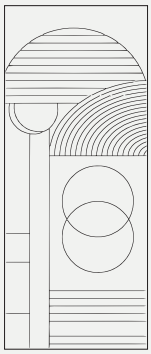
Diag 1



Diag 2



Diag 3



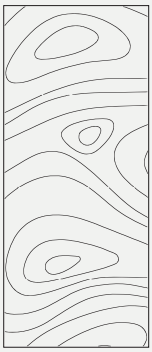
Geo



Leaf



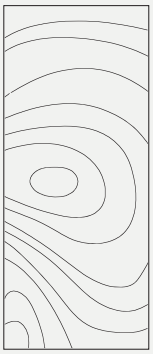
Ondulation 1



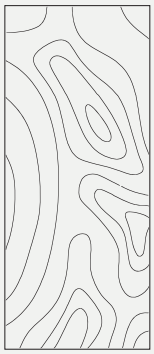
Ondulation 2



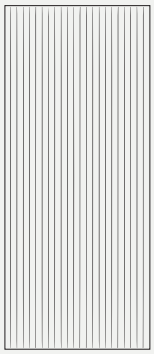
Ondulation 3



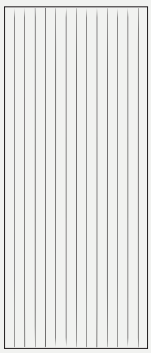
Ondulation 4



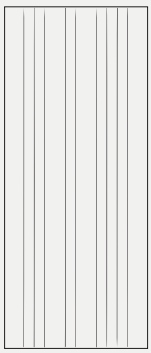
Ondulation 5



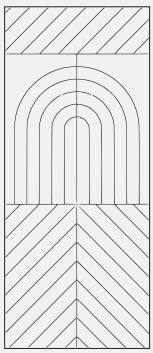
Line



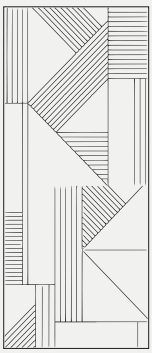
Line 2



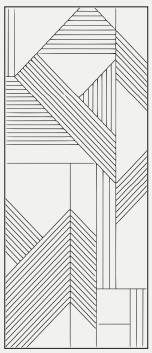
Line 3



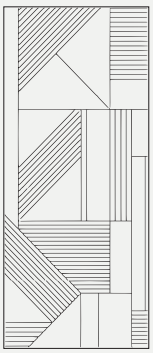
Multi



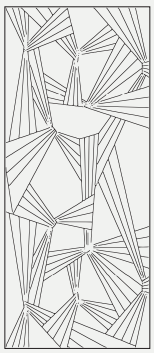
Origami 1



Origami 2



Origami 3



Gem



Zen

Acoustic performance

0.45	D	0.70	0.95
ALPHA W (αW) *ISO 11654*	ABSORPTION CLASS *ISO 11654*	NRC *ASTM C423*	αS AT 1000 HZ *NF EN ISO 354*

SOUND ABSORPTION COEFFICIENT BY OCTAVE BAND

Frequency	*125*	*250*	*500*	*1000*	*2000*	*4000*
α_s	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	24 mm
Density	200 kg / m^3
Weight	4.8 kg / m^2 - *Product weight: see price list*
Colors	5
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