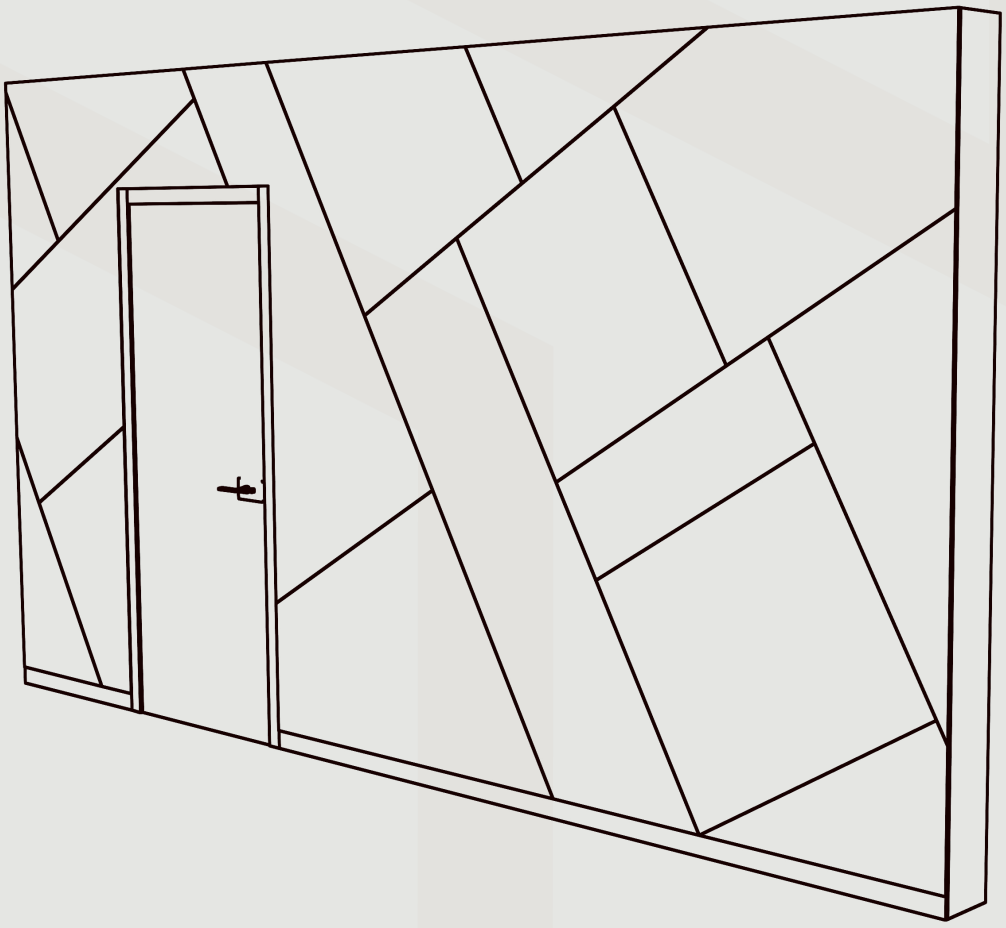
WALL

TECHNICAL DATA SHEET

ART'COUSTIK RANGE



Murano

Solid wall panel

arteck

OCTOBER 2026 · *VERSION 01*

Description

Acoustic wall covering in 12 or 24 mm compact rPET, formed from large solid panels that can be cut to size for rapid wall treatment. Installation can be direct, magnetic, hook-and-loop or on a frame with additional absorber. Offices, meeting rooms, reception areas and public buildings.

KEY DATA

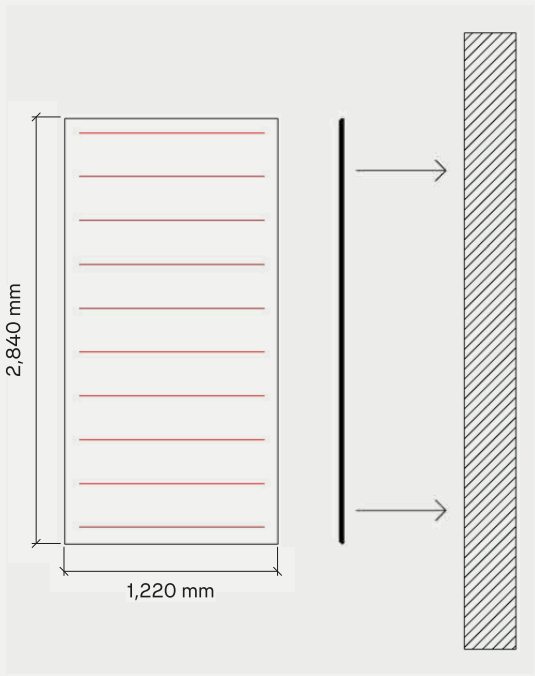
0.25	E	12mm	B-S2,D0	Recycled and recyclable PET 100%
ABSORPTION COEFFICIENT (αW) *24 mm: 0.45 · up to 0.90 on frame*	ABSORPTION CLASS *24 mm: D · up to A on frame*	THICKNESS *or 24 mm*	FIRE CLASSIFICATION	COMPOSITION

DIMENSIONS & TECHNICAL DRAWINGS

Length	2,840 mm
Width	1,220 mm
Depth	12 mm or 24 mm

Custom-made on request

FRONT 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 - direct installation	0.25	E	0.40	0.52
24 mm - direct installation	0.45	D	0.70	0.95
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

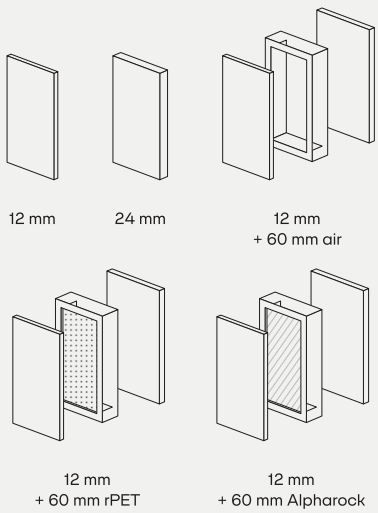
Frequency (Hz)	125	250	500	1000	2000	4000
12 mm - direct installation	0.02	0.05	0.21	0.52	0.82	0.98
24 mm - direct installation	0.06	0.20	0.56	0.95	1.07	1.06
12 mm - frame, 60 mm air gap	0.15	0.30	0.65	1.00	1.10	1.10
12 mm - frame + 60 mm rPET	0.35	0.60	0.85	1.10	1.10	1.20
12 mm - frame + 60 mm Alpharock	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 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 rPET colours + 3 wood prints + 3 marble prints 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 →
Impact resistance	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.

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