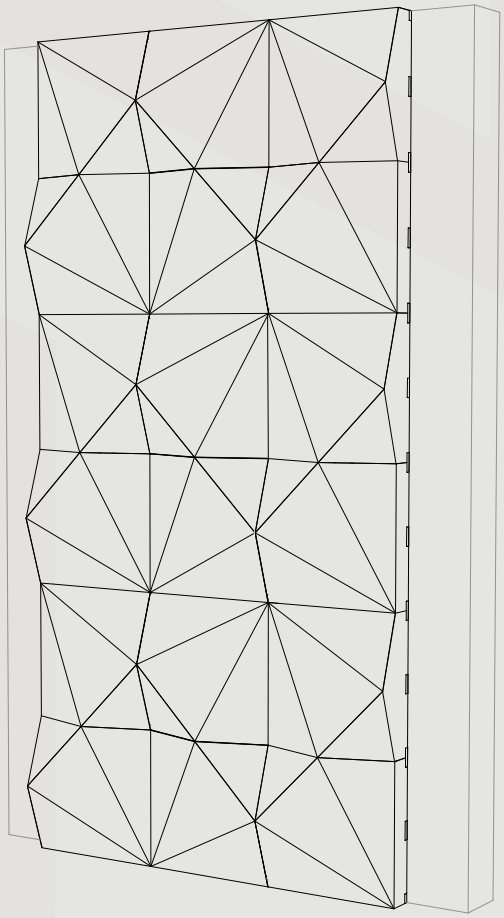
WALL

TECHNICAL DATA SHEET

ART'COUSTIK RANGE



Axo Diamond

3D wall cubes

arteck

OCTOBER 2026 · *VERSION 01*

Description

Acoustic textured wall solution in 12 mm compact rPET acoustic fibre, made of folded diamond-shaped modules clipped into a grooved backing board. The interplay of shadows and facets adds rhythm to walls while contributing to acoustic treatment. Offices, lobbies, reception areas, restaurants and public buildings.

KEY DATA

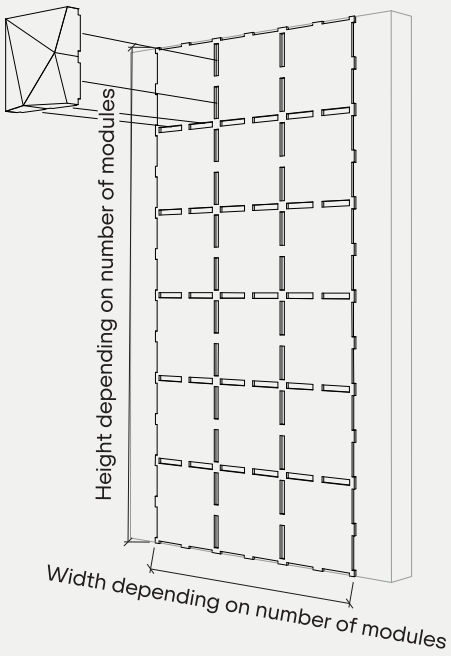
0.85	B	12mm	B-S2,D0	Recycled and recyclable PET 100%
ABSORPTION COEFFICIENT (αW)	ABSORPTION CLASS	THICKNESS	FIRE CLASSIFICATION	COMPOSITION

DIMENSIONS & TECHNICAL DRAWINGS

Diamond module	400 × 400 mm Depth 140 mm
Backing board	Thickness 12 mm
Dimensions	Depending on the number of modules *See Price List*

Custom-made on request

EXPLODED VIEW



Acoustic performance

0.85	B	1.00	1.00
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	0.40	0.55	0.85	1.40	1.45	1.40

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.	2630191
Date	11/03/2026
Test standard	NF EN ISO 354
Test conditions	Test conducted on 6 samples placed on the floor
Sample surface area	1.44 m²

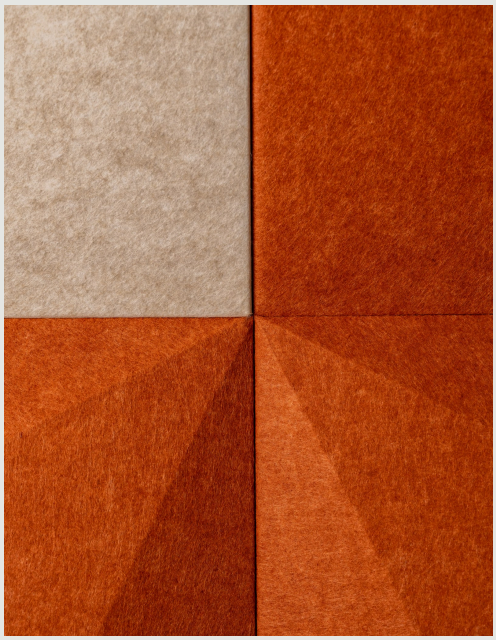
Material information

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 - *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

Fix the rPET backing board to the wall using adhesive (contact or PU adhesive) or screws/nails. Then form the modules and clip them into the slots, working from a corner and column by column.

SUBSTRATE TYPE

Flat, stable, dry and clean wall, compatible with the selected adhesive or mechanical fixings.

FIXINGS REQUIRED

Two options: contact or PU adhesive - not supplied; or screw/nail fixing of the backing board - screws and nails not supplied.

Contact us

SALES DEPARTMENT

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

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