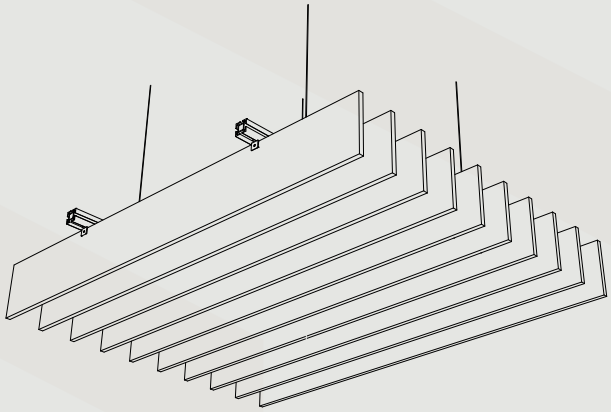
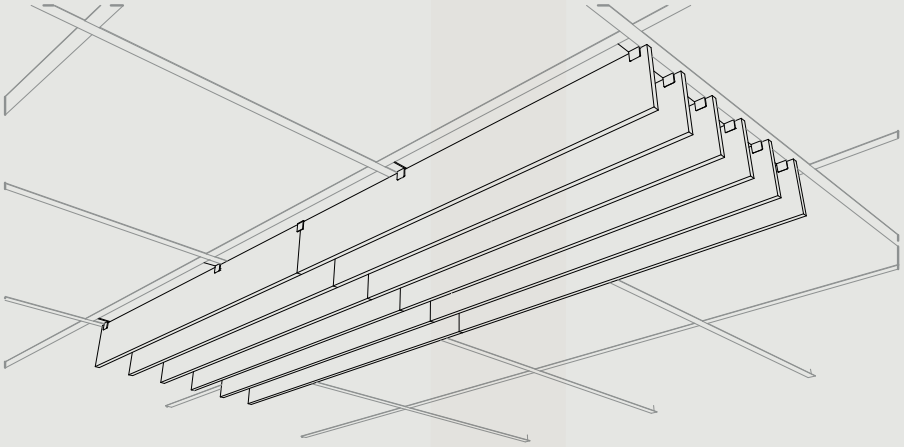
CEILING

TECHNICAL DATA SHEET

ART'COUSTIK RANGE





San Diego

Modular suspended baffles

arteck

OCTOBER 2026 · *VERSION 01*

Description

Linear acoustic baffles in 12 mm compact rPET, mounted on profiles in a suspended ceiling or freely suspended.
Blade centre spacing and height can be adjusted to create a more or less dense ceiling composition.
Offices, open-plan offices, restaurants and public buildings.

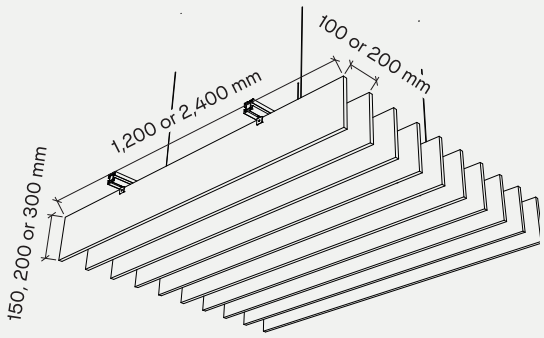
KEY DATA

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

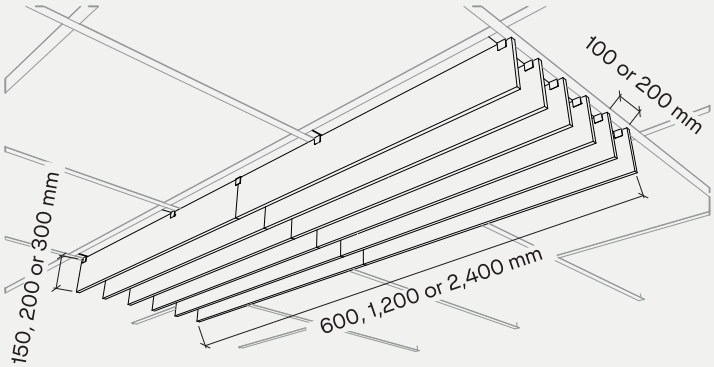
DIMENSIONS & TECHNICAL DRAWINGS

Centre spacing	100 or 200 mm
Blade height	150, 200 or 300 mm
Suspended	Width 1,000 or 2,000 mm Length 1,200 or 2,400 mm
Suspended ceiling	Width 600 mm Length 600, 1,200 or 2,400 mm

SUSPENDED VERSION



SUSPENDED-CEILING VERSION



Acoustic performance

0.45	D	0.65	0.80
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	0.07	0.23	0.40	0.80	1.25	1.64

Third-octave values from 100 to 5,000 Hz: see the test report.

Download the full Acoustic Test Report →

TEST CONDITIONS

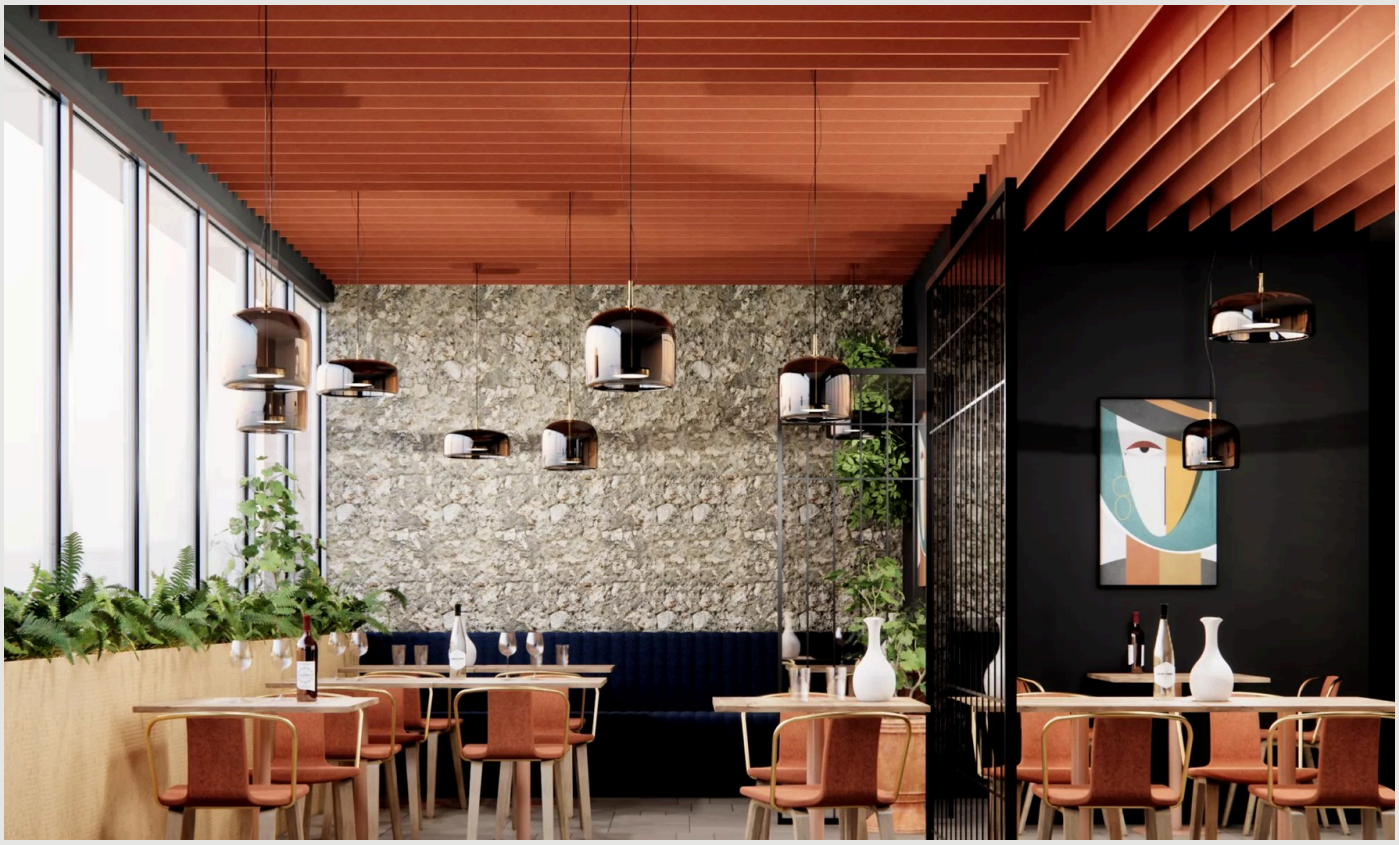
Laboratory	CETIAT
Test reference no.	2430543-11
Date	04/07/2024
Test standard	NF EN ISO 354
Test conditions	Test conducted on 11 specimens mounted on supports 21 cm above the floor
Sample surface area	11.00 m^2

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

For suspended-ceiling installation, fix the U-profiles at the selected centre spacing, then slide them onto the grid rails; use self-drilling screws if required. For the suspended version, support the profiles with cables or threaded rods. Maintain blade alignment and make joints over a rail or with an additional U-profile.

SUBSTRATE TYPE

Suspended-ceiling grid with or without tiles; or load-bearing slab/ceiling for the suspended version.

FIXINGS REQUIRED

U-profiles/angles depending on the version; self-drilling screws and suspension anchors 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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