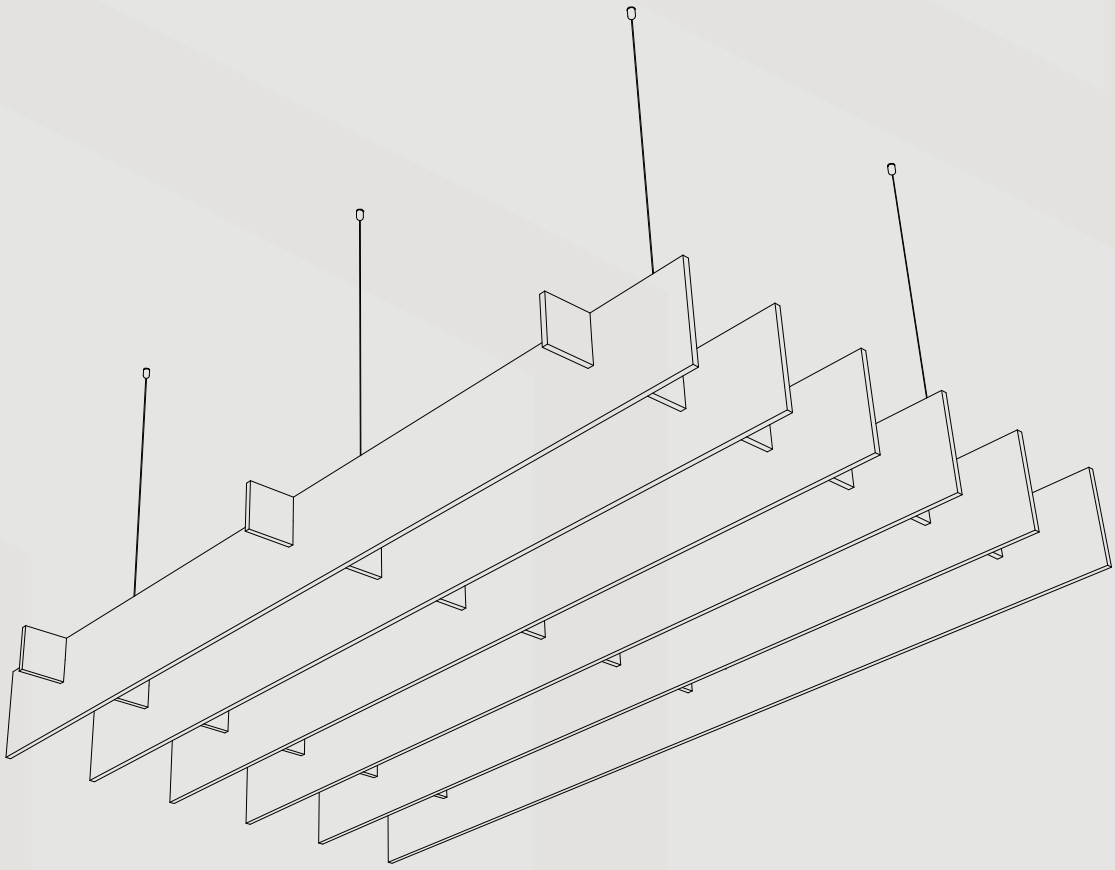
CEILING

TECHNICAL DATA SHEET

ART'COUSTIK RANGE



Chicago

Pre-notched suspended baffles

arteck

OCTOBER 2026 · *VERSION 01*

Description

Acoustic baffles in 12 mm compact rPET, pre-notched and assembled on support combs to form a graphic slatted ceiling. The available blade heights and centre spacings allow the visual and acoustic density to be adjusted. Offices, open-plan offices, restaurants, reception areas and public buildings.

KEY DATA

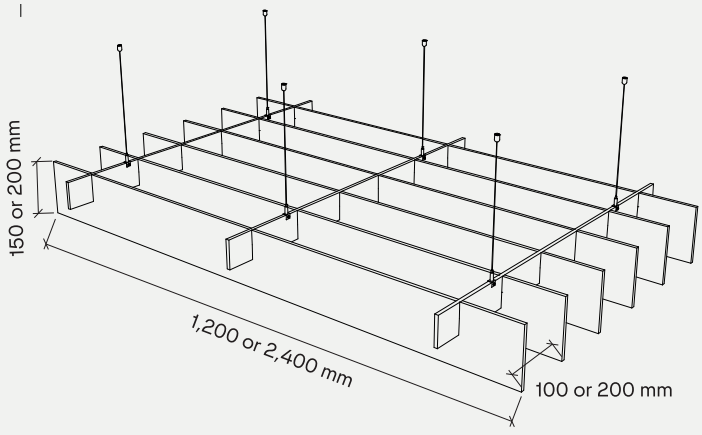
0.45	D	12mm	B-S2,D0	Recycled and recyclable PET 100%
ABSORPTION COEFFICIENT (αW) *200 mm blades: 0.50*	ABSORPTION CLASS *150 and 200 mm blades*	THICKNESS	FIRE CLASSIFICATION	COMPOSITION

DIMENSIONS & TECHNICAL DRAWINGS

Length	1,200 or 2,400 mm
Width	1,200 or 2,400 mm
Height	150 or 200 mm
Centre spacing	100 or 200 mm

Custom-made on request

PERSPECTIVE VIEW





Acoustic performance

CONFIGURATION	ALPHA W (αW) ISO 11654	ABSORPTION CLASS ISO 11654	NRC ASTM C423	αS AT 1000 HZ NF EN ISO 354
150 mm blades - 12 mm	0.45	D	0.65	0.78
200 mm blades - 12 mm	0.50	D	0.75	0.94

SOUND ABSORPTION COEFFICIENT BY OCTAVE BAND

Frequency (Hz)	125	250	500	1000	2000	4000
150 mm blades - 12 mm	0.09	0.24	0.39	0.78	1.17	1.52
200 mm blades - 12 mm	0.12	0.29	0.47	0.94	1.39	1.70

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.	2430543-5 and 2430543-4
Date	03/07/2024
Test standard	NF EN ISO 354
Test conditions	Test conducted on 11 specimens mounted on supports
Sample surface area	11.00 m² (150 and 200 mm blades)

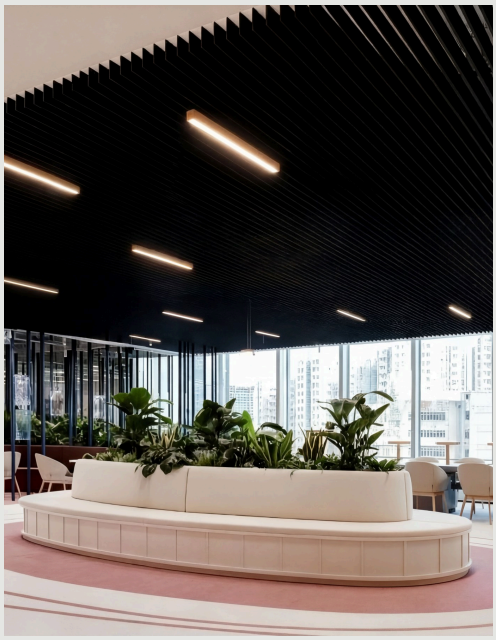
Material information

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

Assemble the pre-notched baffles on the support comb, then suspend the assembly from the ceiling using cables. Adjust the level and alignment before final tightening.

SUBSTRATE TYPE

Load-bearing ceiling / slab or load-bearing structure suitable for suspension fixings.

FIXINGS REQUIRED

Support comb supplied with the baffles; suspension cables/hangers and ceiling anchors to be provided.

Contact us

SALES DEPARTMENT

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

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