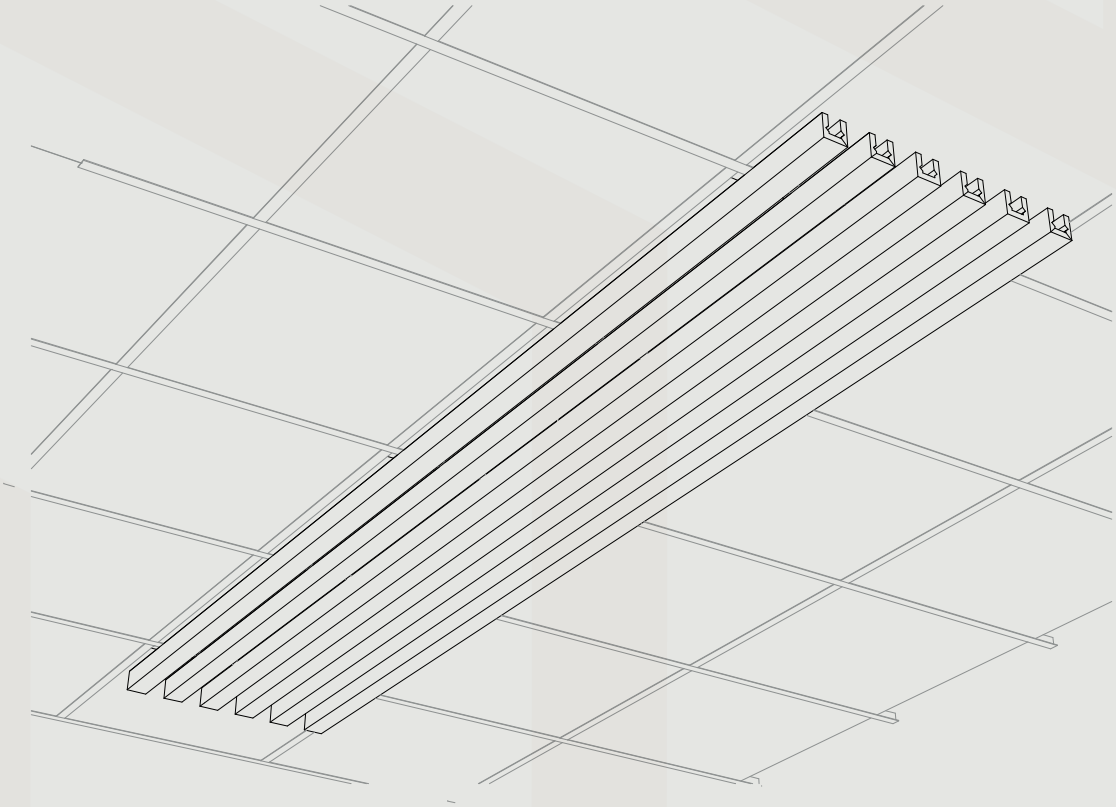
CEILING

TECHNICAL DATA SHEET

ART'COUSTIK RANGE



San Antonio Ceiling

Ceiling beams

arteck

OCTOBER 2026 · *VERSION 01*

Description

Acoustic ceiling beams in 12 mm compact rPET, installed on a suspended-ceiling grid or suspended by cables or threaded rods. The blades create an architectural rhythm while increasing the absorbing surface area.
Offices, lobbies, restaurants and public buildings.

KEY DATA

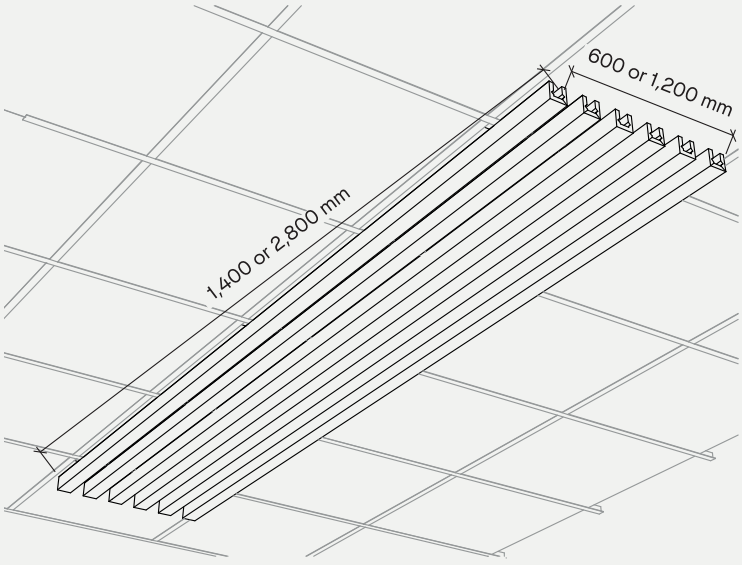
0.80	B	12mm	B-S2,D0	Recycled and recyclable PET 100%
ABSORPTION COEFFICIENT (αW) *up to 0.85 with 75 mm beam*	ABSORPTION CLASS *D without backing*	THICKNESS	FIRE CLASSIFICATION	COMPOSITION

DIMENSIONS & TECHNICAL DRAWINGS

Width	600 or 1,200 mm
Length	1,400 or 2,800 mm
Beam depth	50 or 75 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
50 mm beam - suspended with backing - 12 mm	0.80	B	1.00	1.00
50 mm beam - suspended without backing - 12 mm	0.45	D	0.65	0.76
75 mm beam - suspended with backing - 12 mm	0.85	B	1.00	1.00

SOUND ABSORPTION COEFFICIENT BY OCTAVE BAND

Frequency (Hz)	125	250	500	1000	2000	4000
50 mm beam - suspended with backing - 12 mm	0.26	0.51	0.82	1.23	1.50	1.63
50 mm beam - suspended without backing - 12 mm	0.08	0.24	0.41	0.76	1.14	1.38
75 mm beam - suspended with backing - 12 mm	0.29	0.55	0.87	1.31	1.59	1.74

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.	2430543-09 / -10 / -06
Date	04/07/2024 (50 mm) / 03/07/2024 (75 mm)
Test standard	NF EN ISO 354
Test conditions	11 specimens of 1 × 1 m mounted on supports 21 cm above the floor
Sample surface area	11.00 m²

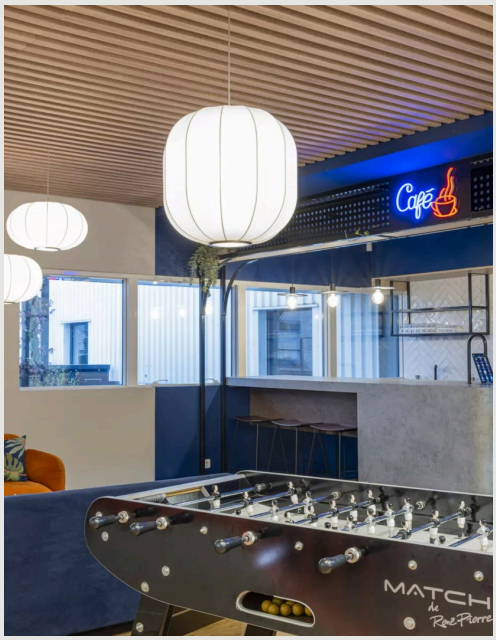
Material information

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	ρvnh: 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

Depending on the configuration, fix the T-profiles to the suspended-ceiling grid and slide the beams onto them, or suspend the profiles using cables/threaded rods. Maintain the specified centre spacing and beam alignment.

SUBSTRATE TYPE

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

FIXINGS REQUIRED

Aluminium profiles with cables or threaded rods, or angles for suspended ceilings; self-drilling screws/anchors not supplied.

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