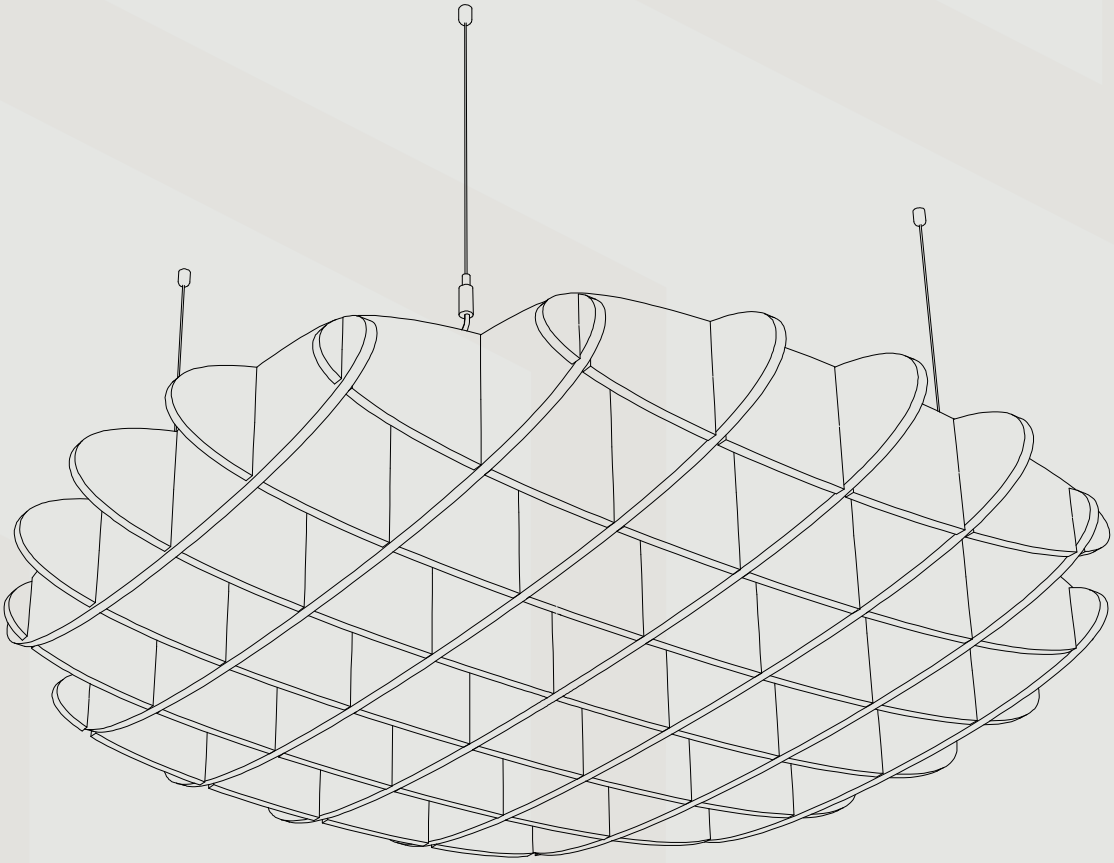
CEILING

TECHNICAL DATA SHEET

ART'COUSTIK RANGE



Liego

Suspended waffle-grid ceiling panel

arteck

OCTOBER 2026 · *VERSION 01*

Description

Suspended acoustic ceiling panel in 12 mm compact rPET, made from pre-notched blades assembled into a waffle-grid structure. Available in square or round geometries, it provides a large absorbing surface within a lightweight suspended volume. Offices, restaurants, meeting rooms and public buildings.

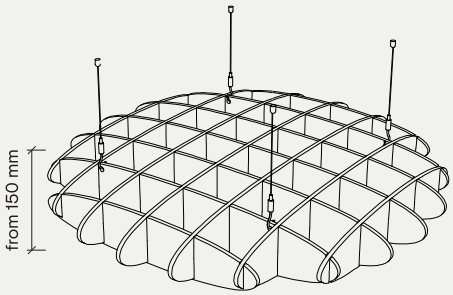
KEY DATA

0.40	D	12mm	B-S2,D0	Recycled and recyclable PET 100%
ABSORPTION COEFFICIENT (αW) *round: 0.60*	ABSORPTION CLASS *round: C*	THICKNESS	FIRE CLASSIFICATION	COMPOSITION

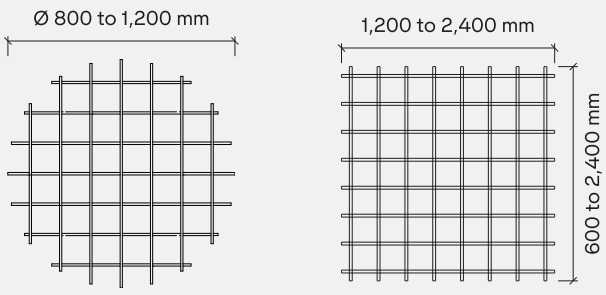
DIMENSIONS & TECHNICAL DRAWINGS

Length	1,200 to 2,400 mm
Width	600 to 2,400 mm
Height	from 150 mm
Diameter	800 to 1,200 mm *Round ceiling panel*

PERSPECTIVE VIEW



PLAN VIEW



Acoustic performance

CONFIGURATION	ALPHA W (αW) ISO 11654	ABSORPTION CLASS ISO 11654	NRC ASTM C423	αS AT 1000 HZ NF EN ISO 354
Square - 12 mm	0.40	D	0.55	0.64
Round - 12 mm	0.60	C	0.80	0.98

SOUND ABSORPTION COEFFICIENT BY OCTAVE BAND

Frequency (Hz)	125	250	500	1000	2000	4000
Square - 12 mm	0.08	0.22	0.36	0.64	0.96	1.18
Round - 12 mm	0.14	0.37	0.55	0.98	1.36	1.61

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.	2430543-03 (square) and 2430543-02 (round)
Date	03/07/2024
Test standard	NF EN ISO 354
Test conditions	Test conducted on 11 specimens (square) / 8 specimens (round) mounted on supports 21 cm above the floor
Sample surface area	11.00 m^2 (square) / 9.04 m^2 (round)

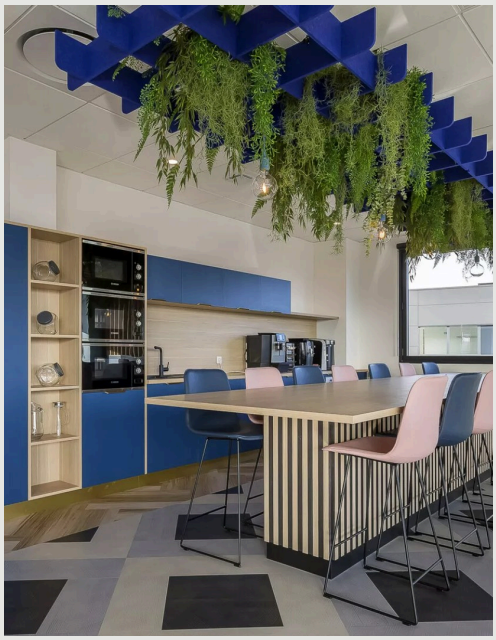
Material information

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 ceiling elements, then suspend the complete assembly horizontally using stainless-steel cables and height-adjustable hooks. Adjust the level and alignment.

SUBSTRATE TYPE

Load-bearing slab or ceiling / supporting structure capable of carrying the load.

FIXINGS REQUIRED

Stainless-steel cables and adjustable hooks; suitable anchoring hardware 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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