

01 - Materiality

Material class:	Sandwich
Material 1:	Wood veneer
Material 2:	Plywood
Group:	Acoustic element

02 - Classification

Product:	WAVY Acoustic
Application class 1:	Acoustics & Soundproofing
Application class 2:	Wall & Ceiling

03 - Formal Properties

Thickness:	20 mm
Dimension:	Vertical format max: 1200 x 2400 mm Horizontal format max: 1800 x 1200 mm Custom dimensions is possible
Surface grade:	Oak, Birch or Walnut
Surface material:	Natural or RAL/NCS
Surface finish:	Clear lacquer
Assemblage:	Custom staple-gun
Core material:	Acoustic foam
Weight:	5 kg/m ²
Minimum radius of curvature:	90 mm
	Other finishes and sizes available upon request

04 - Sensual Qualities

Light transmission:	impermeable
Strength:	soft
Surface structure:	fluted
Processing:	milled
Color:	color collection
Gloss:	frosted
Acoustics:	effective
Special:	flexible, lightweight and self-supporting acoustic panel

05 - Mechanical Properties

Stability:	dimensionally stable
Mass:	light
Abrasion:	scratch
Water:	splash-resistant

06 - Description

The sandwich panel WAVY Acoustic consists of two veneered wood materials and a highly acoustically effective foam. The elastic panel structure creates an organic, natural and tactile surface with a strong acoustic performance. The curvature allows the material to absorb far more sound than other acoustic absorbers. In the production of the WAVY Acoustic panels, the black foam can be combined with the following outer layers: 3 veneer surfaces in oak, birch and walnut clear lacquered or with lacquer surface in RAL and NCS colors on poplar veneer.

07 - Application

Sound diffusion and absorption for interior walls and ceilings.

08 - Usage

Interior architecture

09 - Fire Rating

It is available in B-s1, d0 fire rating for each of the material components.

10 - Ecology

It is a lightweight, easily transported material that efficiently accesses trees as plywood. The panels can be readily re-furnished, redefined and repurposed.

11 - Packaging

Flat-packed, rolled

12 - Production

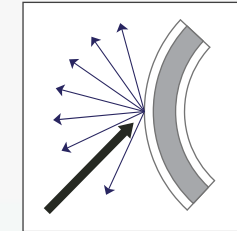
Made in EU

WAVY® Acoustic

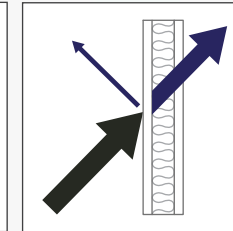
WAVY® Acoustic is the innovative, flexing panel material to complement interior design solutions. The individual composite panels made from engineered wood and acoustic foam simultaneously absorb, diffuse and reflect sound

energy. Integrated into the function of interior spaces, this material offers a sensorily and emotionally enriching bonus to the interior landscape.

Acoustic



Sound Diffuser



Sound Absorber

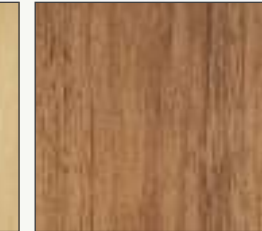
Wood & Veneer



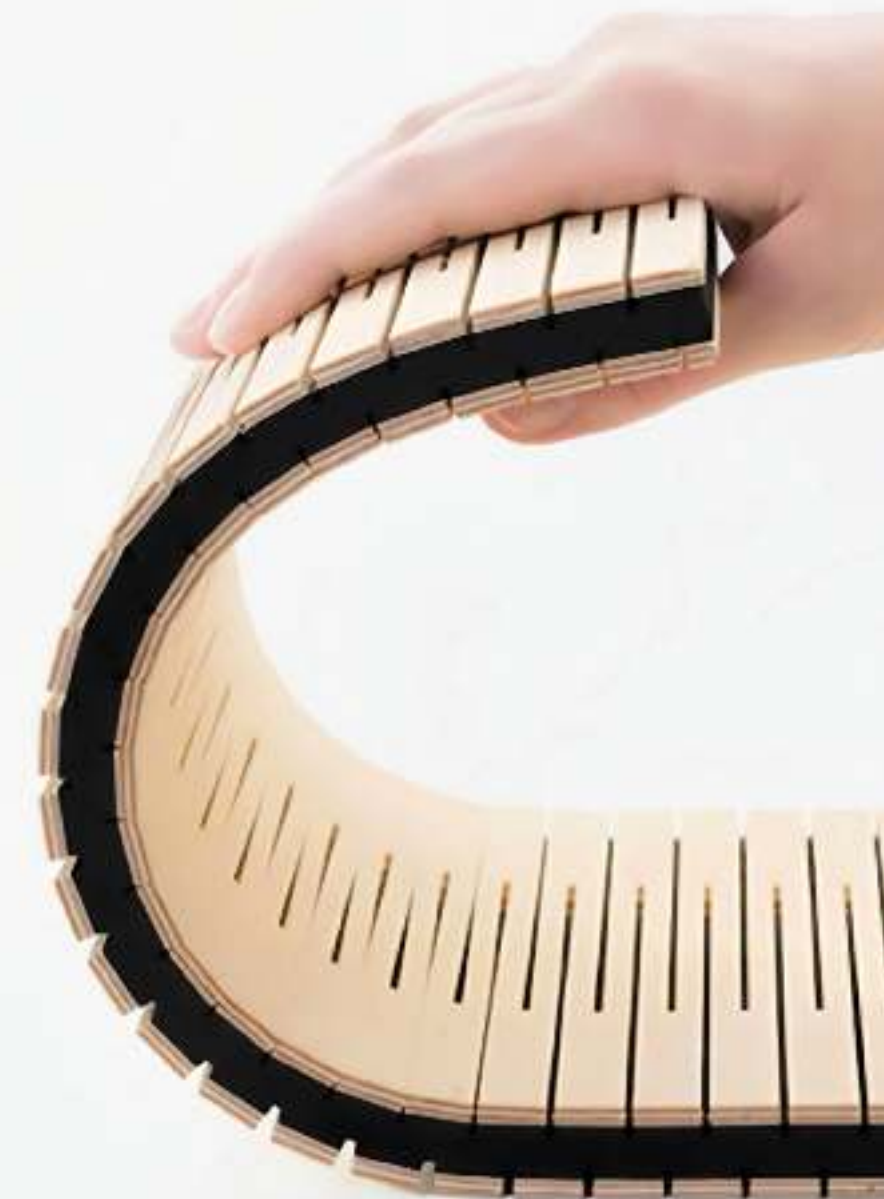
Oak



Birch



Walnut



WAVY® Acoustic

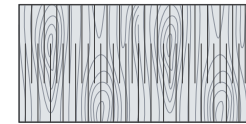


Product	Dimensions	Surface Material	Surface Grade	Surface Finish	Core Material	Code
WAVY® Acoustic	1200 x 2400 x 20 mm	Oak	A / A	Clear	Acoustic foam	WA-1224-OA-A
		Birch	A / A	Clear	Acoustic foam	WA-1224-BR-A
		Walnut	A / A	Clear	Acoustic foam	WA-1224-WN-A
		Poplar	A / A	RAL/NCS	Acoustic foam	WA-1224-LQ-A



Oak	A / C	Clear	Acoustic foam	WA-1224-OA-C
Birch	A / C	Clear	Acoustic foam	WA-1224-BR-C
Walnut	A / C	Clear	Acoustic foam	WA-1224-WN-C
Poplar	A / C	RAL/NCS	Acoustic foam	WA-1224-LQ-C

WAVY® Acoustic	2400 x 1200 x 20 mm	Oak	A / A	Clear	Acoustic foam	WA-2412-OA-A
		Birch	A / A	Clear	Acoustic foam	WA-2412-BR-A
		Walnut	A / A	Clear	Acoustic foam	WA-2412-WN-A
		Poplar	A / A	RAL/NCS	Acoustic foam	WA-2412-LQ-A



Oak	A / C	Clear	Acoustic foam	WA-2412-OA-C
Birch	A / C	Clear	Acoustic foam	WA-2412-BR-C
Walnut	A / C	Clear	Acoustic foam	WA-2412-WN-C
Poplar	A / C	RAL/NCS	Acoustic foam	WA-2412-LQ-C