

**01 - Materiality**

<b>Material class:</b>	Sandwich
<b>Material 1:</b>	Wood veneer
<b>Material 2:</b>	Plywood
<b>Group:</b>	Acoustic element

**02 - Classification**

<b>Product:</b>	WAVY Acoustic
<b>Application class 1:</b>	Acoustics & Soundproofing
<b>Application class 2:</b>	Wall & Ceiling

**03 - Formal Properties**

<b>Thickness:</b>	2 cm
<b>Dimension:</b>	Vertical format max: 240 x 90 cm Horizontal format max: 90 x 180 cm Custom dimensions is possible
<b>Surface grade:</b>	Oak, Maple or Walnut
<b>Surface material:</b>	Natural or RAL 9010
<b>Surface finish:</b>	Clear lacquer
<b>Assemblage:</b>	Custom staple-gun
<b>Core material:</b>	Acoustic foam
<b>Weight:</b>	5 kg/m <sup>2</sup>
<b>Minimum radius of curvature:</b>	9 cm
	Other finishes and sizes available upon request

**04 - Sensual Qualities**

<b>Light transmission:</b>	Impermeable
<b>Strength:</b>	Soft
<b>Surface structure:</b>	Fluted
<b>Processing:</b>	Milled
<b>Color:</b>	Color collection
<b>Gloss:</b>	Frosted
<b>Acoustics:</b>	Effective
<b>Special:</b>	Flexible, lightweight and self-supporting acoustic panel

**05 - Mechanical Properties**

<b>Stability:</b>	Dimensionally stable
<b>Mass:</b>	Light
<b>Abrasion:</b>	Scratch
<b>Water:</b>	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**

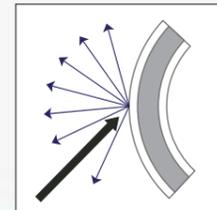
Made in Germany

**WAVY Acoustic**

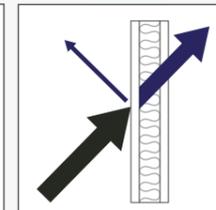
WAVYAcoustic is the innovative, flexing panel material to complement interior design solutions. The individual composite panels made from engineered wood and acoustic foam simultaneously absorb, diffuse and reflect sound

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

Acoustic

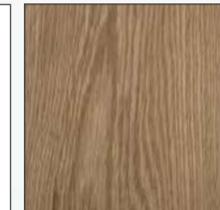


Sound Diffuser

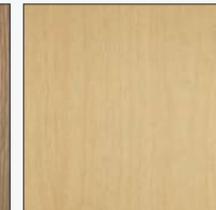


Sound Absorber

Wood &amp; Veneer



Oak



Maple



Walnut

