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## 01 - Materiality

<b>Material class:</b>	Sandwich
<b>Material 1:</b>	Wood veneer
<b>Material 2:</b>	Polyethylene
<b>Material 3:</b>	Plywood
<b>Group:</b>	Sandwich element

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## 02 - Classification

<b>Product:</b>	FLEX Partition
<b>Application class 1:</b>	Acoustics & Soundproofing
<b>Application class 2:</b>	Automotive & Lightweight Construction
<b>Application class 3:</b>	Furniture & Interior

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## 03 - Formal Properties

<b>Thickness:</b>	19 mm
<b>Height:</b>	1600 / 1700 / 1800 mm
<b>Width:</b>	900 mm
<b>Surface grade:</b>	Oak, Maple or Walnut
<b>Surface material:</b>	Natural or RAL/NCS
<b>Surface finish:</b>	Clear lacquer
<b>Connection:</b>	Clamex system
<b>Core material:</b>	PE (Polyethylene) foam
<b>Weight:</b>	4 kg/m <sup>2</sup>
<b>Minimum radius of curvature:</b>	90 mm
	Other finishes and sizes available upon request

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## 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

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## 05 - Mechanical Properties

<b>Stability:</b>	dimensionally stable
<b>Mass:</b>	light
<b>Abrasion:</b>	scratch
<b>Water:</b>	splash-resistant

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## 06 - Description

FLEX Partition is a lightweight and flexible wooden panel. Each panel consists of systematically cut and veneered layers of plywood and foam, which are converted into an integrated structure. The behavior and the characteristics of each basic material provide a combination of a balanced and resilient material. The wavy surface also provides acoustic properties through reflection and / or insulation.

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## 07 - Application

Sound diffusion and noise insulation spatial divider.

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## 08 - Usage

Interior architecture

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## 09 - Ecology

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

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## 10 - Packaging

Flat-packed, rolled

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## 11 - Production

Made in Germany

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## 12 - Accessories

Side: Oak, Maple or Walnut  
Foot: Steel, Brushed