

<b>Product</b>	Name	Organoid® LAWENDL on HPL
	Article number	LAW0000090HPLST
<b>Producer</b>	Address	ORGANOID TECHNOLOGIES GMBH Nesselgarten 422 / Top 5 A-6500 Fließ Österreich
<b>Description and Applications</b>	Name	Organoid® LAWENDL on HPL
	Description	Natural plant material in full coverage on engineered wood panels – HPL produced climate neutral in Tyrol, Austria
	Applications	As a component in wood-working
<b>Plant Material and Density</b>	Plant material	Fragrant lavender stems and flowers
	Density	full coverage
<b>Format und Gewicht</b>	Format	1.320 mm x 3.050 mm
	Gesamtstärke	2.9 mm
	Gewicht	2.7 kg/m <sup>2</sup>
<b>Product Requirements</b>	Food safety	Binding agent safe for usage in contact with food in accordance with EU-regulation 1935/2004
<b>Backing Material</b>	Material	HPL engineered wood
	Properties Requirements	Robust and durable HPL in accordance with DIN EN 438 and ISO 4586 Bulk density > 1.4 g/cm <sup>3</sup> thermosetting plastic food safety in accordance with EN 1186 No toxic compounds based on antimon, barium, cadmium, chromium <sup>III</sup> , chromium <sup>IV</sup> , lead, mercury, selenium formaldehyde emission < 0.4 mg/h m <sup>2</sup> (test: EN 717-2) < 0.05 ppm (test: WIKI Prüfkammer) does not contain PCP (Pentachlorophenol).
<b>Technical Implementation</b>	Cut	For cutting engineered wood, commonly used wood working machinery can be used. Panel saws, table saws, hand-held circular saws, jigsaws, but also CNC-milling. The usual principles and precautions apply, just like in working with any other engineered wood or laminate.

Edges  
How to process

Allow for imperfections 2 cm around the edges  
Do not press at a temperature higher than 60°C  
Use separating paper enclosed between hot press and surface

Glue  
recommendations  
Pay attention to

White glue, urea resin, ...  
Cut off 2 cm along the edges before processing, as the density of the natural material deviates due to the production process

Before processing, panels should be acclimatised between 1 and 3 days with the counter-balance. The back of the HPL needs to be checked for leftover materials or oils after processing and has to be cleaned carefully accordingly.

For sensitive wood-working applications, use a counter-balance (enclosed on request, 1.1 mm HPL). Symmetrical construction is recommended, which means using the same surface on the front and back side.

Store in closed, dry rooms at normal temperatures (approx. 20°C, 30-60% relative air humidity), laying on an even surface, like in a drawer system. Direct contact with the floor and sunlight need to be avoided.

Verarbeitungshinweise  
unter: <https://organoid.corestad.com/verarbeitung/>  
(= current link)