

Product	Name	Organoid® SONNENBLUMEN on HPL
	Article number	SBL0000080HPLST
Producer	Address	ORGANOID® TECHNOLOGIES GMBH Nesselgarten 422 / Top 5 A-6500 Fließ Austria
Description and Applications	Name	Organoid® SONNENBLUMEN 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
Plant Material and Density	Plant material	Upcycled sunflower seed husks
	Density	full coverage
Format und Gewicht	Format	1 320 x 3 050 mm
	Gesamtstärke	3.0 mm
	Gewicht	2.8 kg/m ²
Product Requirements	Food safety	Binding agent safe for usage in contact with food in accordance with EU-regulation 1935/2004
Backing Material	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 ³ thermosetting plastic food safety in accordance with EN 1186 No toxic compounds based on antimon, barium, cadmium, chromium ^{III} , chromium ^{IV} , lead, mercury, selenium formaldehyde emission < 0.4 mg/h m ² (test: EN 717-2) < 0.05 ppm (test: WIKI Prüfkammer) does not contain PCP (Pentachlorophenol).
Technical Implementation	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	Allow for imperfections 2 cm around the edges
How to process	Do not press at a temperature higher than 60°C Use separating paper enclosed between hot press and surface
Glue recommendations	White glue, urea resin, ...
Pay attention to	<p>Cut off 2 cm along the edges before processing, as the density of the natural material deviates due to the production process</p> <p>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.</p> <p>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.</p> <p>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.</p>
Processing guidelines available at:	www.organoids.com/en/installation-technical-implementation