

Product	Name	Organoid® MOUS HELLGRIAN on HPL
	Article number	MOSHGR0085HPLST
	Producer	Address ORGANOID TECHNOLOGIES GMBH Nesselgarten 422 / Top 5 A-6500 Fließ Österreich
Description and Applications	Name	Organoid® MOUS HELLGRIAN 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	Light green moss
	Density	full coverage
Format und Gewicht	Format	1.320 mm x 3.050 mm
	Gesamtstärke	1,6 mm
	Gewicht	2.1 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 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)