

| | | |
|-------------------------------------|--|---|
| Product | Name | Organoid® BAUMBART on HPL |
| | Article number | BMB0000090HPLST |
| | Producer | Address ORGANOID® TECHNOLOGIES GMBH Nesselgarten 422 / Top 5 A-6500 Fließ Austria |
| Description and Applications | Name | Organoid® BAUMBART 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 | Primal Baumbart (lichen) |
| | Density | full coverage |
| Format und Gewicht | Format | 1.320 mm x 3.050 mm |
| | Gesamtstärke | 2.4 mm |
| | Gewicht | 2.3 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 Properties Requirements | HPL engineered wood 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: www.organoids.com/en/installation-technical-implementation