

| | | |
|-------------------------------------|--|--|
| Product | Name | Organoid® DINKEL on HPL |
| | Article number | DKL0000080HPLST |
| | Producer | ORGANOID® TECHNOLOGIES GMBH Nesselgarten 422 / Top 5 A-6500 Fließ Austria |
| Description and Applications | Name | Organoid® DINKEL 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 | Spelt husks |
| | Density | full coverage |
| Format und Gewicht | Format | 1 320 x 3 050 mm |
| | Gesamtstärke | 3.6 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 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, 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. |
| Processing guidelines available at: | www.organoids.com/en/installation-technical-implementation |