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| Product | Name | Organoid® ZIRBENWALD on flax backing |
| | Article number | ZIRWAL0085FVPRW |
| | Producer | ORGANOID® TECHNOLOGIES GMBH Nesselgarten 422 / Top 5 A-6500 Fließ Österreich |
| Description and applications | Name | Organoid® ZIRBENWALD on flax backing |
| | Description | Natural plant material in full coverage on natural flax backing produced climate neutral in Tyrol |
| | Applications | As wallpaper As a compound in wood-working |
| Plant material and density | Plant material | Stone pine wood with moss, spruce needles, grey lichen and fern leaves |
| | Density | Premium density, full coverage |
| Size and weight | Size | Rolled goods, width 1 360 mm |
| | Thickness | 1,2 mm |
| | Weight | 430 g/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 | Non-woven blend of flax and viscose Unbleached and breathable from renewable materials Contains 65% flax and 35% viscose Certified OEKO-TEX 100 Tensile strength in accordance with ISO 9073-3: MD N/5cm >100 CD N/5cm >70 |
| Technical implementation | Cut | Use scissors, a cutter or a plotter |
| | Edges | Allow for imperfections 1-2 mm around the edges |
| | How to install | <u>As wallpaper:</u> - Wall-pasting technique: Apply glue directly on the wall, apply wallpaper vertically and press on using a rubber roller - Double cut: Each panel overlaps with the one next to it (approx. 2 cm) - Free match: The naturally scattered materials do not require matching patterns between panels <u>As a compound in wood-working</u> -Process with normal wood-working |

machinery

-Glue (e.g. white glue) is applied onto the wooden materials, as the fleece absorbs moisture and glue stains may appear on the front if glue is applied to the fleece

-Cover the natural surface with the enclosed separating paper

-Guidelines:

Max. pressing temperature. 60°C

Max. pressure 1 kg/cm²

Glue application: approx. 100 g/m²

Pressing time: approx. 15 minutes

Pre-trials and tests are recommended

Glue recommendations As wallpaper:

- Methylan Direct Kleister Vliestapeten
- Pufas Glasgewebe- und Vlieskleber GK,
- Pufas Sicherheitskleister SK,
- AURO Wandbelagskleber Nr. 391 (ecological glue),
- Universalkleber für Vliestapeten Nr. 380 (ecological glue)

As a compound in wood-working:

- White glue

Pay attention to

Surface must be clean, dry, weight-bearing, evenly absorbent, smooth, dust-free and neutral in colour. Recently plastered walls must be fully dried. Highly absorbent walls must be prepared with a suitable base.

For sensitive wood-working applications, use a counter-balance (enclosed on request).

Symmetrical construction is recommended, which means using the same surface on the front and back side.

Acclimatisation of Organoid natural surfaces:

- Bring product to room temperature before unpacking

- Store product protected from light, at about 20°C and 30-60 % relative humidity.

- Storage:

- Rolled goods: hanging system (e.g. paternoster)
- Single panels: horizontal position (e.g. drawer system)

Processing guidelines
available at:

<https://www.organoids.com/verarbeitung/>