

# Organoid® Manual

Version 1.1: November 2022

## Recommendations for installing Organoid® on Golden Paper



Installation as a decorative layer  
in woodworking

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## Storing Organoid® natural surfaces

Bring to room temperature before unpacking. Store product in closed, dry rooms, at a normal temperature and protected from light (at about 20°C and 30-60 % relative humidity).

### Storage recommendations:

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

## Please note

In case any anomalies and/or defects occur, Organoid® has to be contacted in written form immediately. Please check before installation if the delivery has any anomalies and/or defects.

Natural surfaces by Organoid® are made from natural plant fibres, therefore individual products of the same type may vary in colour, smell, or texture. Allow for the dimensions of the surfaces to vary up to +/- 2%, as they are unavoidable from a technical point of view. Small deviations due to these biological properties are therefore not a reason for complaint or warranty claims.

# Processing as a decorative layer in woodworking

## Hot press and separating paper

The Organoid® products on Flax backing and Ecofleece can be processed with normal wood-working machinery. Use separating paper enclosed between hot press and surface to protect the pressing plate and do not press at temperatures higher than 60°C, in order to protect the positive properties of the natural materials. We recommend the use of white glue.

### Guidelines

- Max. pressure: approx. 1 kg/cm<sup>2</sup>
- Glue application: approx. 100 g/m<sup>2</sup>
- Pressing time: approx. 15 minutes

## Processing

- Checking the surface for anomalies and/or defects before processing
- Cut to the desired size using a cutter knife and double-cut the seams for a perfect fit
- Apply glue (e.g. white glue) evenly and completely onto the wood material, not on the paper. Adapt amount of glue to the surface, as the paper may take up the moisture, leading to glue stains. We recommend pre-trials before first using our products in any case.
- Apply glue vertically and horizontally using a roller.
- Put surface onto wood material and cover with included separating paper to avoid damaging the surface
- Do not press at temperatures higher than 60°C
- Lower feed rates and higher rotational speed are recommended for machine processing.
- Take finished piece out of the hot press as quickly as possible and let cool evenly
- Cut off excess material or bend around the edges

## Counter-balance

Most natural surfaces generally do not have a great impact on warpage due to their low thickness. For sensitive applications, we offer a counterbalance: either empty coating paper or the empty backing material of the surface in question

## Final steps

Remove loose natural fibre gently using a dry cloth.