

# Organoid® Manual

Version 1.3: April 2024

## Recommendations for installing Organoid® on Golden Paper



Installation  
as wallpaper



Installation as a decorative layer  
in woodworking

# Table of contents

STORING ORGANOID® NATURAL SURFACES _____	3
PLEASE NOTE _____	3
INSTALLATION AS A WALLPAPER _____	4
Glue recommendations _____	4
Even absorption of surface needs to be ensured after priming _____	4
Wallpapering _____	5
Removal _____	7
PROCESSING AS A DECORATIVE LAYER IN WOODWORKING _____	8
Hot press and separating paper _____	8
Processing _____	8
Counter-balance _____	9
Final steps _____	9

## 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.

# Installation as a wallpaper

## Glue recommendations

For installing Organoid on golden paper as a wallpaper, we recommend the glue **Glutolin ECC extra clear**. Follow the manufacturer's instructions for use. The glue can be purchased directly from Organoid® (5kg tubs).

- Technical Data Sheet: [https://www.organoids.com/wp-content/uploads/2024/03/ti\\_g\\_glutolin\\_ecc\\_en.pdf](https://www.organoids.com/wp-content/uploads/2024/03/ti_g_glutolin_ecc_en.pdf)

## Preparation of the surface

The base must be dry, stable, evenly absorbent, clean, dust-free, smooth, sufficiently even for wallpapering and of a neutral colour. Eliminate stains or colour differences on the wall with a suitable pigmented wallpaper primer to prevent them from shining through.

Cracks, holes and unevenness must be repaired with suitable measures before wallpapering. Recently plastered walls must be fully dried. Prime highly absorbent surfaces with a suitable non-pigmented or water-based primer.

### Base:

Surface	Base layer		
	Glue	Wallpaper primer colourless	Wallpaper primer coloured
Plaster (Plc-PIII)	x	x	x
Gypsum plaster (PIV)	x		x
Concrete	x	x	x
Gypsum-wallboard	x	x	x
Gypsum fibreboard	x	x	x
Gypsum plasterboard		x	x

Even absorption of surface needs to be ensured after priming

# Tools

## Recommended tools:

- Cutting knife and wallpaper scissors
- Sponge and clear, cold water
- Short fibre paint roller & brush (for the corners)
- Laser level or plumb bob
- Rubber roller & seam roller
- Wallpapering ruler
- Clean lint-free cloth

# Wallpapering

## We recommend:

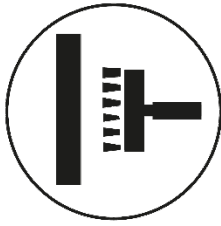
- **Checking the surface** for anomalies and/or defects before processing
- **Pre-trials**
- Start at window or **light source**
- Pay attention to **room temperature** +18 up to +25C, **air humidity** 30 - 60% and airflow

## Important preliminary steps:

The golden paper must be **soaked in advance**, or creasing will occur on the wall, with only limited possibility to smooth them out. Apply clear and clean **water** to the back of the wallpaper sheet using a **sponge** - the soaking time is approx. 7-10 minutes.

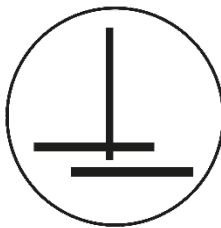
During the soaking time, the back of the wallpaper must be kept permanently damp.

The wallpaper is then applied using the wall pasting technique.



#### Wallpapering technique:

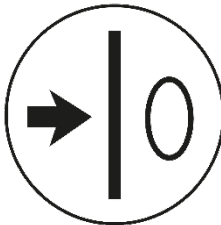
Create a plumb line for the first panel. Fully and evenly saturate wall for each track individually with glue, using a short-fibre paint roller and a brush for the corners. Take the **soaked golden paper** and put it onto the glued surface, starting from the top. Press down panels with rubber roller, avoiding bubbles or folds. Cut away excess wallpaper using a ruler and a cutting knife.



#### Overlap and double-cut:

Apply the glue for the second panel. Each panel overlaps approx. 2 cm with the one next to it. Take into consideration possible imperfections 1-2 mm around the edges. Use a bar or a long ruler to cut both panels at the same time, to make them fit at the seams. **Firmly press down the bracket or ruler and use a sharp blade** to avoid ripping the soaked wallpaper during the cutting process. Press in with a seam roller.

Alternatively: cut the strips exactly at the sides and install them edge-to-edge.



#### Free match:

The naturally scattered materials do not require matching patterns between panels

## Final steps

Glue stains on the surface can be removed with a clean, damp cloth. For the drying process, keep the windows closed and do not heat excessively. 18-22°C, without draft is ideal.

After the wallpaper has dried, remove detached fibres with a dry cloth. Fibres might come off due to the wallpaper being wet from the glue, which is normal. Organoid® does not bear liability to damages caused by cleaning the surface.

## Removal

Pull wallpaper off the wall and remove leftovers with spatula or scraper.

Tip: pre-cut wallpaper into tracks for easier removal (perhaps use water and wallpaper stripper beforehand).

# 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.