

woodio®

**INSTRUCTIONS FOR  
WOODIO SOLID SHEET MATERIAL**

# MADE IN FINLAND

Woodio products are manufactured in Finland at Woodio's own factory in Helsinki. The Association for Finnish Work has awarded all Woodio products the Key Flag symbol in recognition of products made in Finland. We have also been awarded the Design from Finland mark that is awarded to companies that have contributed to Finnish design. We are proud to carry these awards as a symbol of Finnish work, design and craftsmanship.



**DESIGN DEED  
OF THE YEAR  
2019**



# **INSTRUCTIONS FOR WOODIO SOLID SHEET MATERIAL**



# 1. MATERIAL

Woodio material is a new, patented wood composite material. It is a light, durable and water-resistant material with UV and scratch resistant gelcoat finishing.

Woodio Solid is a 12 mm thick sheet material that can be used for various purposes in interiors, and thanks to its waterproofness, it is ideal for use in sanitary facilities and kitchens.

**NOTE!** Woodio Solid is also available uncoated, in this case the fabricator is responsible for post-coating and using a correct coating depending on application.

# 2. PROCESSING AND INSTALLATION

## 2.1. STORAGE

Store the panels in flat position in an even surface to avoid bending of the panel.

**NOTE!** Use a protection on the topcoat surface to avoid scratches on its surface.

## 2.2. BEFORE INSTALLATION

Before installing the panel, make sure that you are completely satisfied with the product and that there is no damage or defects found.

Woodio Solid requires a dry, clean and even surface to be installed on.

**NOTE!** Woodio Solid can be installed next to the stove. Make sure you comply with the manufacturer's minimum distance between countertop and the stove. Woodio Solid is not suitable for use in the vicinity of gas or wood stoves due to the possible flame directed from the bottom of kettle to the panel.

## 2.3. SAWING

Woodio Solid can be cut-to-size by using normal woodworking machines. Make sure the blade is sharp and the cut is done from the gelcoat surface side. Handle the gelcoat surface with care to avoid scratches.

We recommend using a dense-toothed aluminum blade, a CNC machine or a milling machine. If the blade is dull or stout, there is a risk of an untidy sawing mark, resulting in a visible seam when gluing.

**NOTE!** It's important to keep the sheet supported while sawing to avoid breakage of the material.



## 2.4. SEAMING

You can use most construction adhesives or epoxy mortars to glue the sheet. E.g. Araldite 2015-1 or similar epoxy adhesive is recommended. Before gluing, ensure that all cut edges to be glued, are perfectly straight and with good surface quality in order to get a seamless end result.

After gluing, sand the seams carefully starting from 320 roughness and continue up to 4000, using polishing wax at the end.

**NOTE!** The gelcoat is 0,5 mm thick, and the sanding can only be done lightly so that the coating does not wear out. Finish the cut and visible edges with a conventional sandpaper starting from 320 roughness and ending at 4000 resulting to a high-gloss finishing.

## 2.5. SANDING

### Treatment of edges

Due to the nature of material, the edges might have an uneven surface. If there 's need to get visually finished edges, you can cut or sand the edges. The finishing of the edges is recommended to be done with a transparent, clear epoxy-based topcoat.

### Sanding of entire surface

If you aim to sand the entire surface, you can use normal wood sanding machines and sanding papers.

**NOTE!** If the gelcoat is removed entirely by sanding, especially dark colours can appear lighter, this can be corrected by treating the surface with a stain of the same colour. We recommend Herdins Äkta Bets (for correct colour, please contact Woodio customer service). Mix the stain with water, wet the cloth with the stain, apply the stain to the sanded area and finally wipe off the excess stain. NOTE: the stain must be allowed to dry before the last step, top coating.

## 2.6. COUNTERTOP SUPPORTS

When Woodio Solid is used as a countertop, the sheet must be supported at intervals of approximately 600 mm. When installing kitchen countertops, position the seam so that the cabinet frame supports the seamed area.



## 3. CARE AND MAINTENANCE

### 3.1. ROUTINE CARE

Clean with a water dampened soft cloth and a mild non-abrasive dish detergent or soap. Not to use strong, corrosive detergents. Do not use steel wool, hard or sharp tools which can scratch the surface.



While Woodio Solid Surface is heat resistant, it is important to minimize direct heat exposure to protect the surface.

**NOTE!** Do not place hot items directly on the surface, always use a protection under.

### 3.2. REPAIR

Any minor surface damage can be repaired by sanding. Sand the panel carefully starting from 600 roughness and continue up to 4000, using polishing wax at the end.

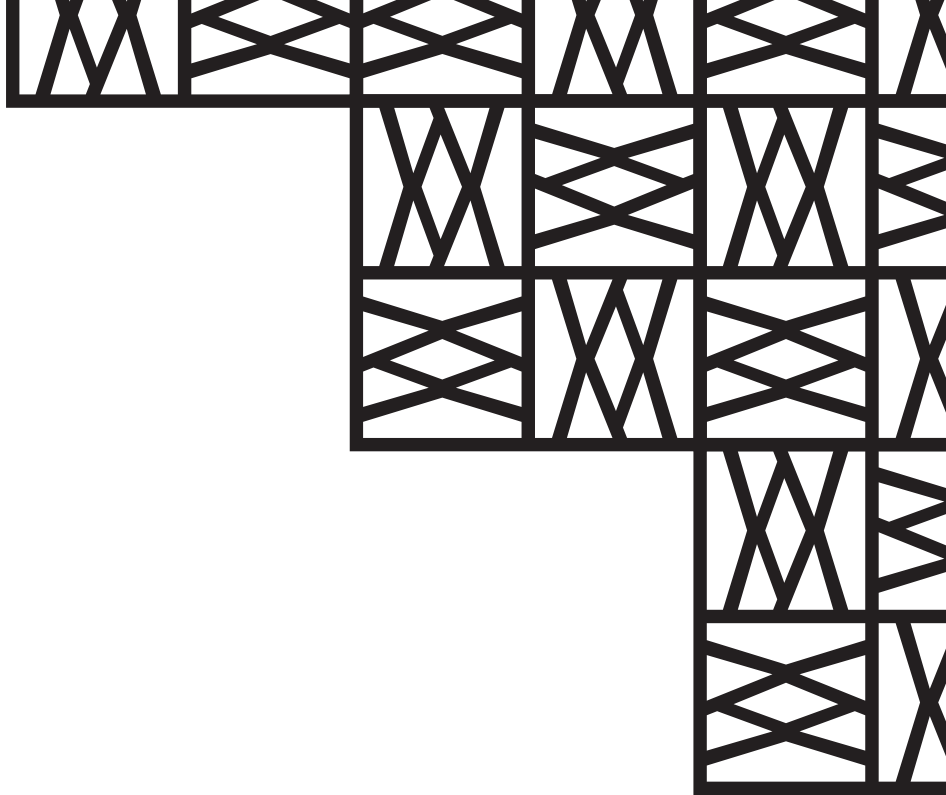
**NOTE!** The topcoat is 0,5 mm thick, and the sanding can only be done lightly to leave enough coating.

Repairing more significant damages e.g. holes which have damaged the topcoat, special know-how is required. In this case, please contact the manufacturer for more information.

## CUSTOMER CARE

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**Yes, it's wood.**

WOODIO OY, FINLAND

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