

# FORESSO®

## INSTALLATION GUIDELINES

Foresso is product made mostly of wood and it can be processed as such. Tools, extraction, and materials that are suitable for wood will also work with Foresso.

We have instructional videos available on our website that cover all common processes.

<b>Important!</b>	<p>Ensure that you familiarise yourself with the possible sheet variation and storage conditions as detailed in our Product Data Sheet.</p> <p>This document is intended as a general how-to and does not constitute binding advice. It is the responsibility of the contractor to ensure safe working practices and we cannot be held responsible for poor workmanship or improper use of machinery.</p> <p>Do not use planers, wide belt sanders, or similar machines on the Foresso face as this will remove the finished surface.</p>
<b>Sheet Variation</b>	<p>Foresso is a handmade panel containing natural materials. Wood chips will vary in colour, tone, size, grain patterns, and will include knots and other character. This will vary within a sheet and between sheets, samples are indicative only and do not guarantee a timber colour.</p> <ul style="list-style-type: none"><li>• Chip density will vary within each sheet and between sheets. There will be areas with lesser and greater chip density.</li><li>• The sheet surface can contain small pores, indentations, or other small oddities as a result of our hand casting process. These are not considered defects and do not affect the performance of the surface.</li><li>• Sheets can vary in both thickness and flatness : eg. A sheet may be 24mm in one area, and 23mm in another. eg. Overall flatness along length or width can vary from sheet to sheet.</li></ul>
<b>Storage</b>	<p>Foresso sheets must be stored in a dry and enclosed space. It is important that any wet trades are completed before sheets are received on site.</p> <p>Sheets should be stored at min 18°C and at a relative humidity of 35% - 65% wherever possible.</p> <p>If stored in cold condition Foresso sheets can bow or cup. This can occur in transit. Ensure that the sheets are given time to acclimatise to their environment and are stored as detailed above.</p>
<b>Safety</b>	<p>Cutting, alteration, and installation of Foresso panels should be carried out only by competent professionals with suitable equipment and PPE.</p>

**0121 272 5537 ~ [help@foresso.co.uk](mailto:help@foresso.co.uk) ~ [www.foresso.co.uk](http://www.foresso.co.uk)**

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## General Processing

Cutting	<p>We recommend diamond tipped (PCD) tooling for all cutting. For mitres and fine cuts apply a line of masking tape along the cut line.</p> <p>WARNING - Cut edges can be sharp, always wear cut resistant gloves when handling cut panels.</p>
Drilling	<p>Both the face and back of Foresso can be drilled. If screwing through the face try to avoid the woodchips so that the screwhead can be covered and hidden.</p>
CNC	<p>To get the best vacuum ensure that the Foresso surface is warm and cut the sheet upside down. For general sizing we recommend a PCD compression spiral cutter.</p> <p>Always perform a test cut to check the performance of your machine and program.</p>
Gluing	<p>Standard wood PVA and contact adhesive are suitable for use with Foresso. Treat it as you would other wooden panel materials.</p>

## Finishing

Filling	<p>Use 2-part filler to fill mitre joins, cover screwheads, or other work. This is available to purchase through our website, but any wood suitable brand will work well.</p> <p>Follow the manufacturer's instructions then sand and oil the surface to finish.</p>
Sanding	<p>To re-sand Foresso once work is complete use an orbital sander.</p> <ul style="list-style-type: none"><li>• Start at P120 or P180.</li><li>• Work up to P320.</li><li>• Where possible do not angle the sander, keep it flat to the surface.</li><li>• The surface should feel smooth to the touch.</li></ul>
Oiling	<p>Apply a wood suitable oil and then buff the excess off the surface using circular motions, continue until the surface feels smooth with no tackiness left. Repeat the process 2-4 times, depending on the oil used.</p> <p>Foresso surfaces should be re-oiled once or twice a year, depending on usage. Please follow our maintenance guidelines.</p>
Lacquering	<p>Apply as per manufacturer's instructions, denibbing between coats. The surface is finished when you can't see any pores in the timber and the surface feels smooth to the touch.</p> <p>We recommend a <b>30% sheen</b> lacquer, but other sheens can be applied as desired.</p>

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## Flooring Installation

Sub-floor	Cementitious, timber, and raised access subfloors are suitable for use with Foresso flooring. Ensure that the subfloor is clean, dry, flat, and free of wood rotting fungi, wood boring insects, or other possible issues.
Pre-installation	<p>Ideally the room temperature should be between 18°C (64.4°F) and 22°C (71.6°F) with a relative humidity between 45% and 65%.</p> <p>Acclimatise the Foresso flooring to the space for at least 48 hours prior to installation.</p>
Installation	<p>Use a flexible flooring adhesive suitable for engineered wood flooring to bond the Foresso to the subfloor.</p> <p>You can screw tiles and planks to the subfloor through the face. This may be necessary depending on flatness, cutting requirements, or other site conditions. If you screw through the face then this can be covered using 2-part filler as detailed above.</p> <p>Use a knocking block, mallet, and lever bar to help move tiles into position and close gaps.</p>
Finishing	<p>Once the installation is completed the floor should be finished with an oil suitable for engineered wood flooring.</p> <p>Wood will naturally change in size during seasonal changes, this is not a manufacturing defect nor an installation fault but a normal part of the yearly cycle of a natural material.</p>

## Underfloor Heating

Initial Use	Do not turn the system on for 48 hours after finishing installation. Then increase the temperature by 1°C or 2°C per day until you reach the desired temperature.
General	<p>The surface of the subfloor should never exceed 27°C, there are a great many UFH systems available so we are not able to advise on specific makes or types but we are happy to work with your contractor to ensure an easy installation.</p> <p>Always avoid sudden temperature changes, if the system is off during the summer then when it is turned back on again it should be treated as if you are commissioning it again.</p>

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