

THERMORY®

Nothing beats natural materials if you want to create a cosy interior that's close to nature. Make sure the installation work is performed with quality and precision to make the wood last longer.

Always check the wall panels immediately on receipt to identify any transport damage.

Never install a defective product. When installed, the product is deemed to be of acceptable quality.

Please contact our sales team if you have any questions.

Installation Guide

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Interior wall panels

Accent by Thermory black waxed wall panels (SRP 15x82 mm).
Private house in Estonia. Photo by Elvo Jakobson



1. Storage

Best would be to store your wall panels in the same room where they will be installed for a few weeks before installation to allow the wood to acclimatize to the temperature and humidity conditions in the room.

Store the wall panels on a flat surface, openly stacked and above the floor surface, for example on joists. Make sure that joists would be at least 30 cm

steps to avoid bending. This way enables air movement between the panels.

Wall panels must be stored at the same temperature at which they are going to be installed. The ideal storage temperature is 15–22 °C.

If there is a radiant heater or other heat source in the room used for storing the

wall panels, make sure the humidity level does not rise too high and the temperature does not exceed 25 °C.

Wall panels must be stored in unopened packages. Remove the heat-shrinking film immediately before installation.

2. Preparations for installation

Interior wall panels are installed as part of living area finishing works. When planning the order of construction works, keep in mind the wall paneling does not tolerate changes in humidity during construction.

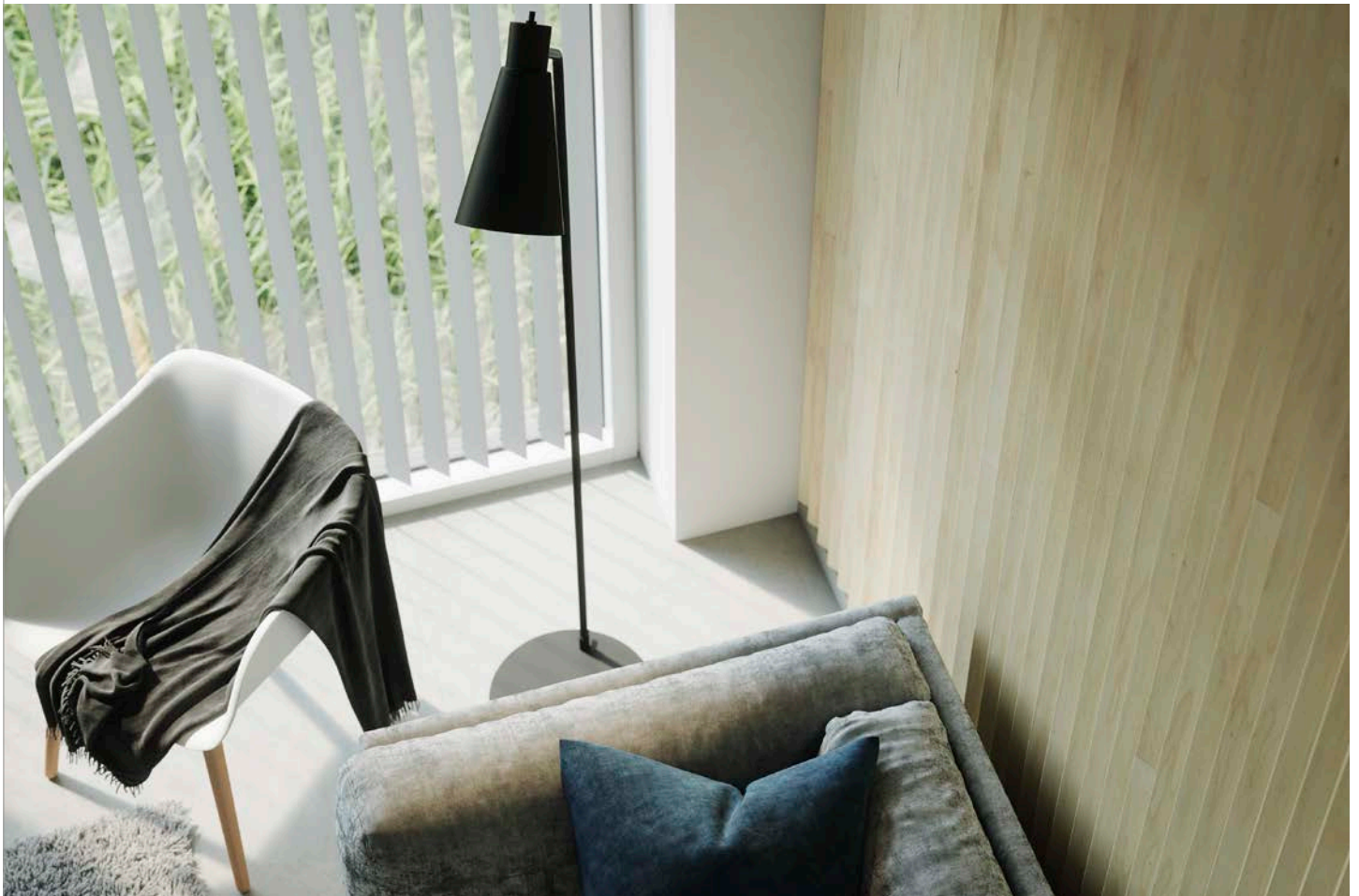
Make sure sufficient ventilation is provided in the sauna room.

Make sure you have enough material, as there may be slight differences in shade between production batches.

The approximate material loss varies between 5–10% depending on the length for wall panels.

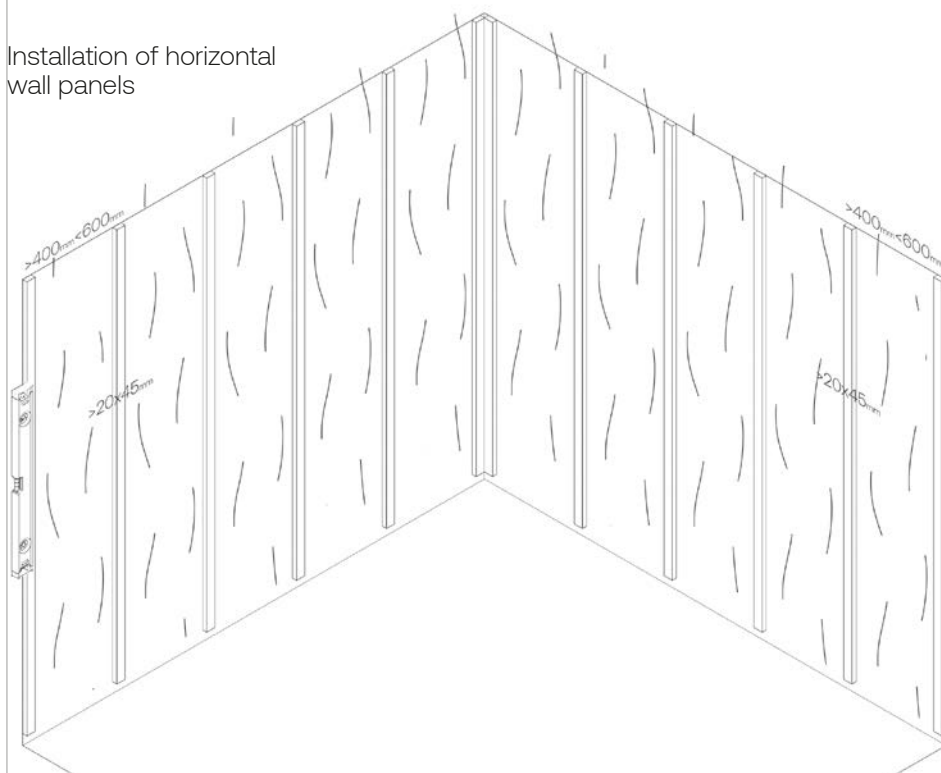
Any wet operations must be performed before installing the wall panels. Performing wet operations after the wall panels have been installed will cause the panels to absorb moisture and swell.

Motion by Thermory aspen wall panels (Wave 28x65 mm).

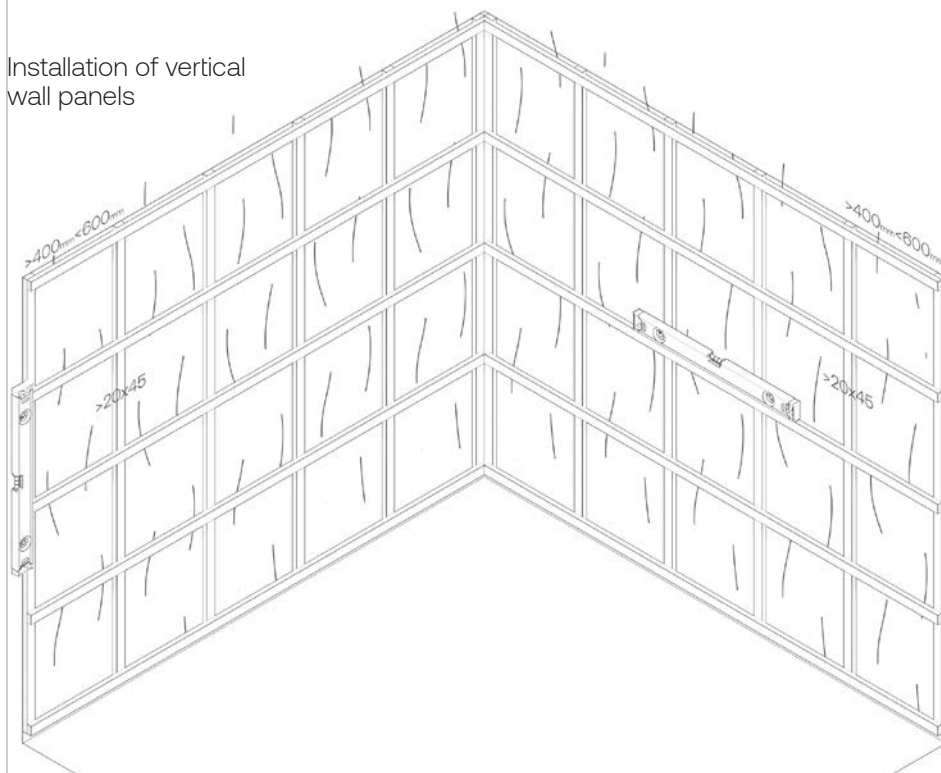


3. Installation of wall panels

Installation of horizontal wall panels



Installation of vertical wall panels



Open several packages so you can better match your wall panels.



We recommend using a staple gun and stainless steel clips for installing the wall panels.



First install the underlay battens to fix the wall panels to. The battens must be at least 20 mm thick and 45 mm wide. If the wall panels are going to be placed horizontally, install the battens vertically. Vertical wall panels, however, require horizontal battens. In the case of a dry and well-ventilated room, battens can be installed in one piece, meaning that at the ends of the sarking, no ventilation gaps are needed.



Make sure the battens are straight and level before installing the wall panels. The recommended batten spacing is 400 mm. The batten spacing must not exceed 600 mm.

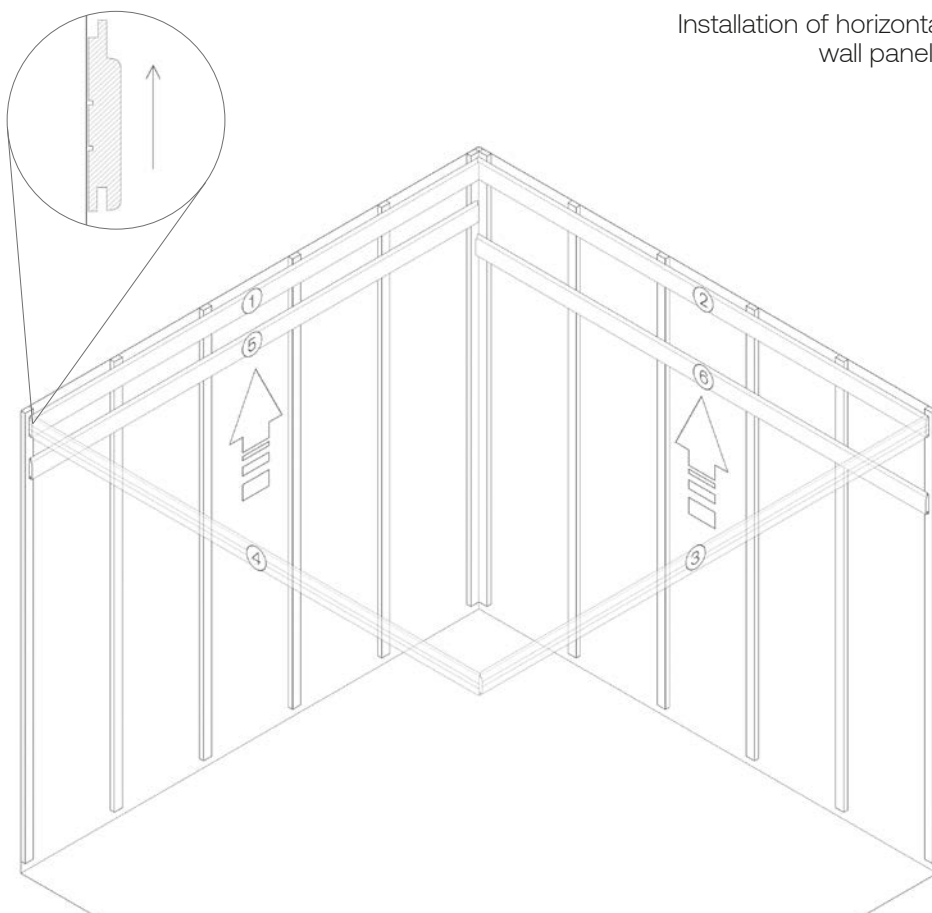


When installing wall panels horizontally on adjacent walls of a room, start installing the panels row by row on all walls at once, circling the room one row at a time. This way you can align the ends of the panels with precision in the corners.

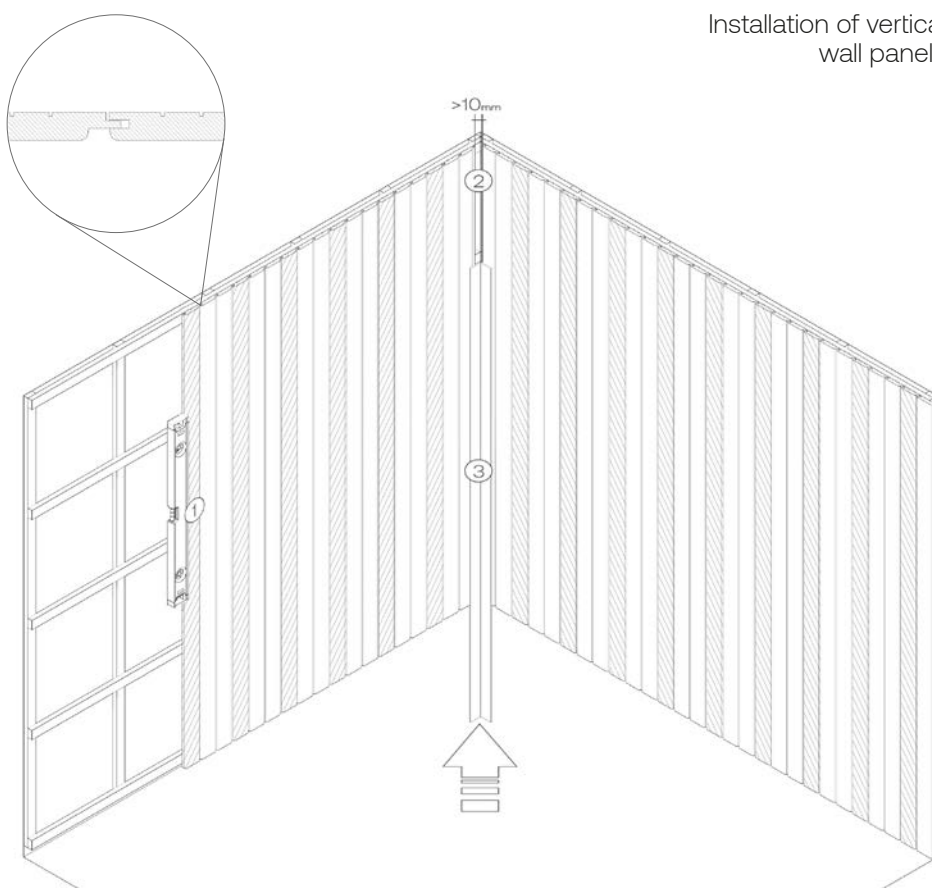
3.1 HIDDEN FIXING

- When installed horizontally, the paneling must be installed from top to bottom.
- Fix with staples from the groove side for both vertical and horizontal installations.
- Position the panels with the tongue side up and groove side down for horizontal installation.
- When installing the wall panels vertically, leave a gap of at least 10 mm between the adjacent corner or board for the first and last panels. Cover the gap with a corner moulding later.
- Check the installation precision of the paneling with a level or measuring tool after every three rows.
- Make sure the wall panels with hidden fixings are installed down to the bottom.
- Check with a level that the first row of the paneling is installed straight, as installation imprecision will increase for the following rows. Check the installation precision with a level at least after every three rows.

Installation of horizontal wall panels



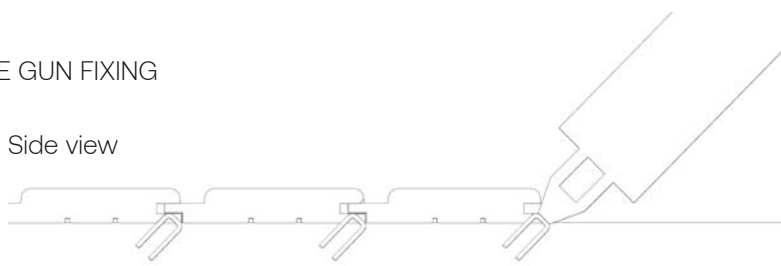
Installation of vertical wall panels



3.2 WALL PANELS FIXING

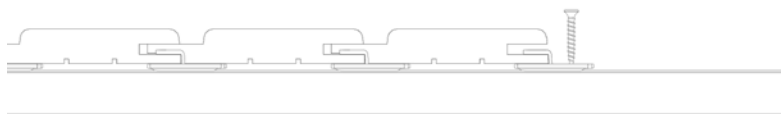
STAPLE GUN FIXING

Side view

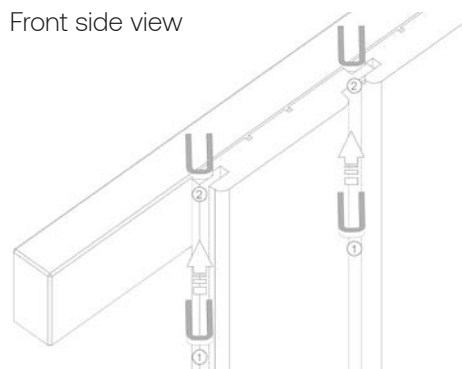


CLIPS FIXING

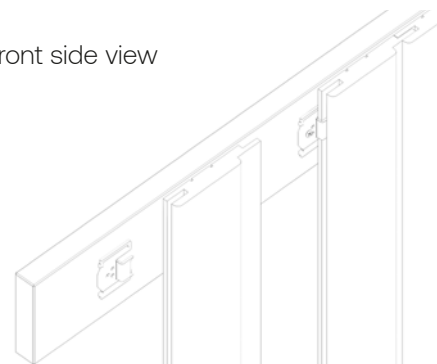
Side view



Front side view



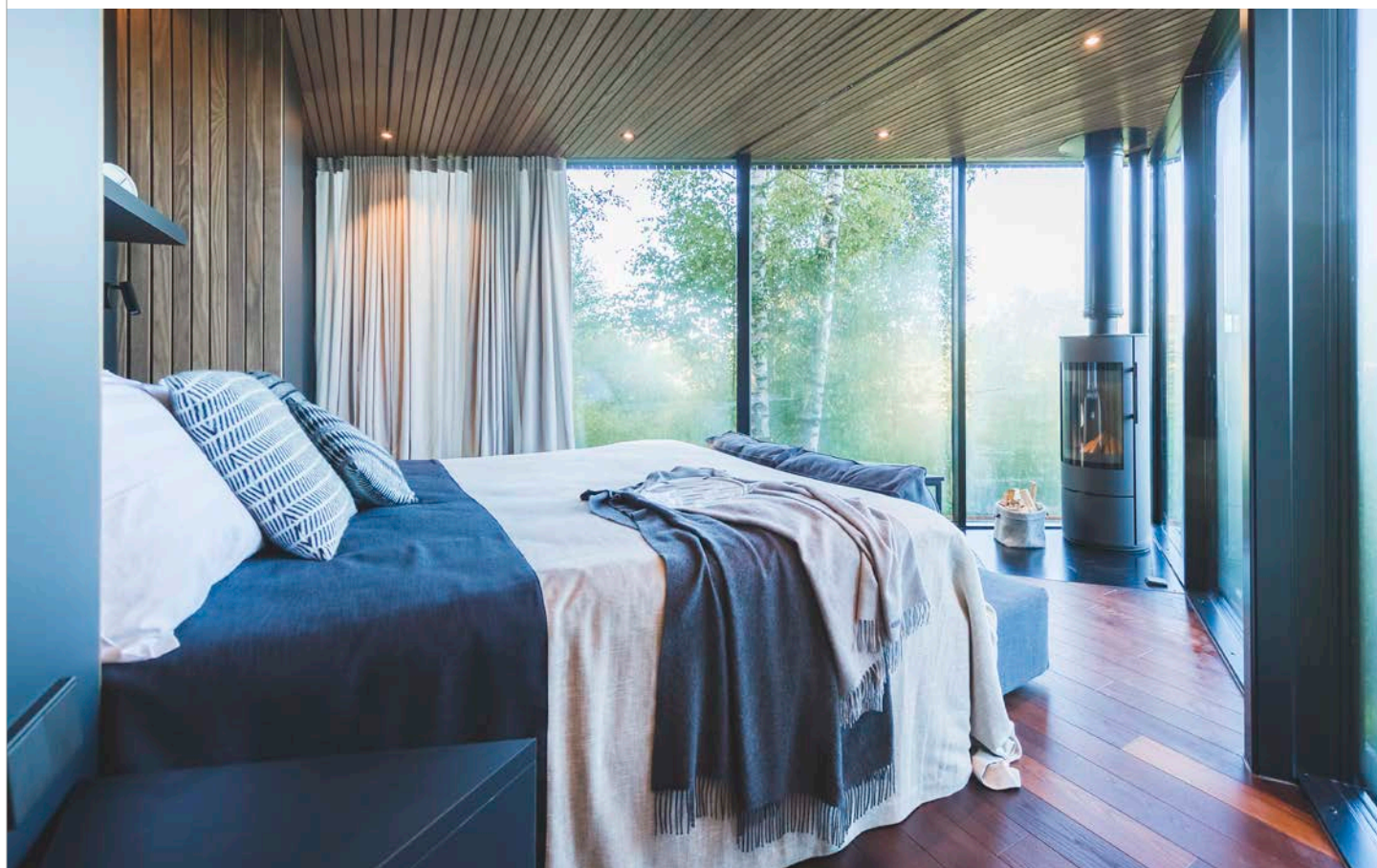
Front side view



3.3 INSTALLING PANELING ON CEILING

If you also want to install the paneling boards on the ceiling, start with the ceiling and cover the walls after that. Installation is similar to installing the horizontal wall paneling. Leave

a sufficient airing gap between the first row of panels and the adjacent wall and between the last row of panels and the wall.



4. Installation of Tiles by Thermory panels



Choose the distance between the battens based on the panel length.

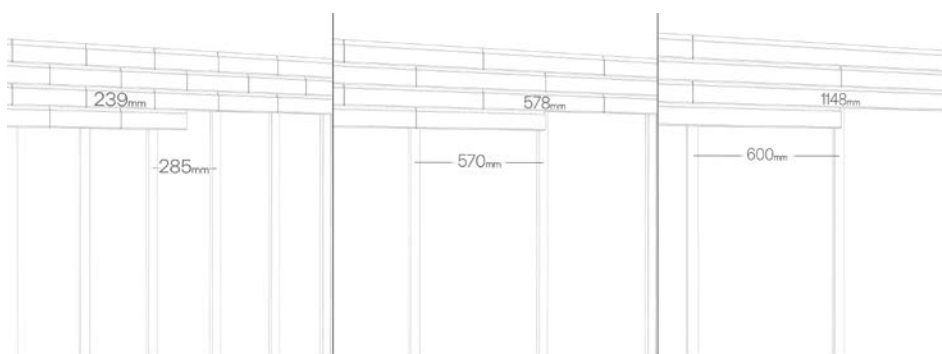
The Tiles by Thermory panels are installed with regular joint spacing. To position the joints, first measure the length of the room. Then calculate the size of the panel you should use to start covering the surface so the joints would be evenly spaced.

Continue installing the panels so the joints of all installed panels are positioned in the middle of the panel on the previous row.

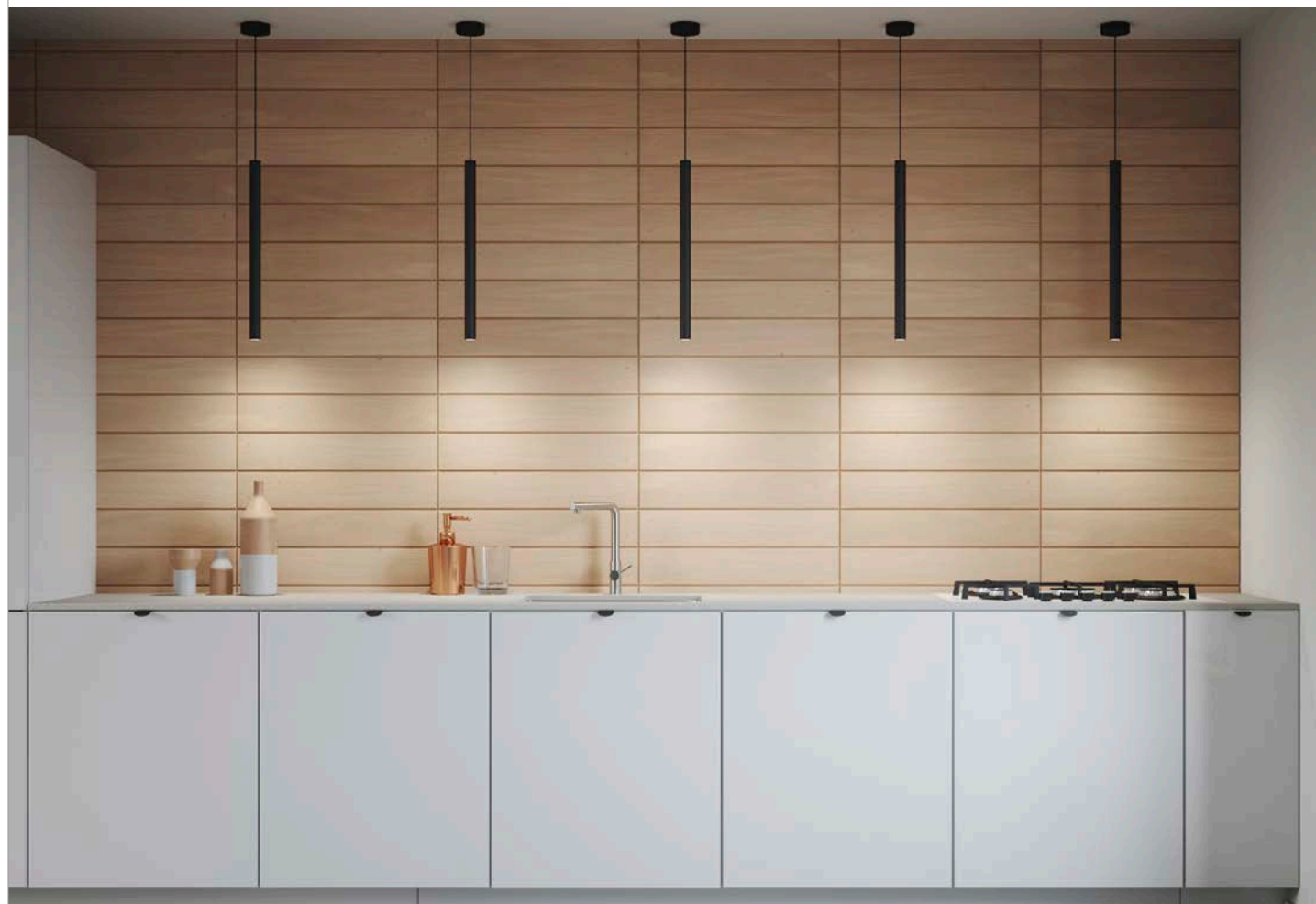
Data on Tiles by Thermory boarding

OVERALL LENGTH (MM)
293
578
1148

MAX. LENGTH OF COUNTER BATTERNS (MM)
285
570
600



Tiles by Thermory panels horizontal installation

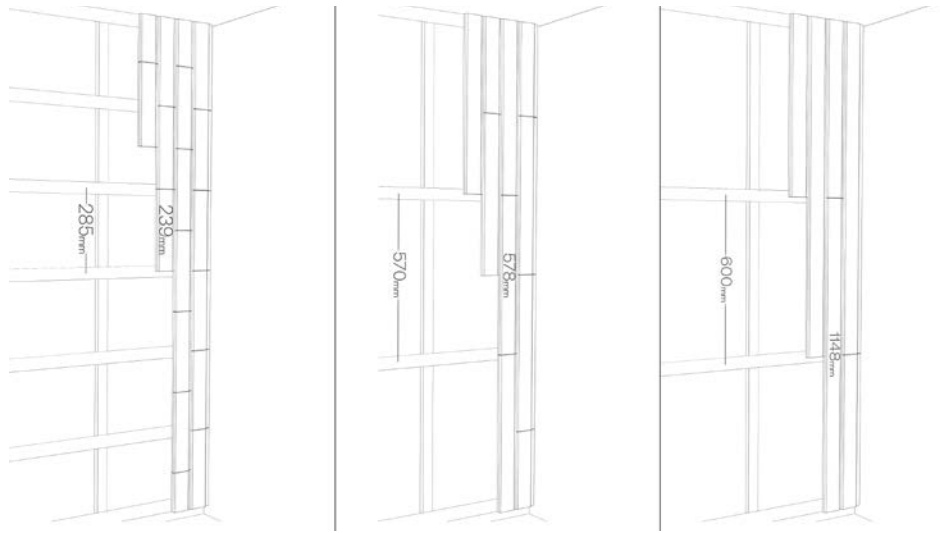


Tiles by Thermory aspen wall panels.



Due to their profile, tiles boarding has many different ways of installation. It is possible to combine boards with different lengths and types of timber. As a result, it is possible to form many

unique solutions. In such cases, consult the vendor of the material who is able to give more precise instructions for preparing the surface, about how much material you need, etc.



Tiles by Thermory panels vertical installation

5. Other tips

5.1 Points requiring special attention



Make sure the panels are installed straight. Perform control measurements from time to time with a direction rope or laser.



Make sure to fasten the panels with the tools for this particular purpose.



If necessary, ask a professional installer for help or hire an installer.

5.2 Tips for using thermally modified wood



Thermory's range of interior products includes a number of wood products having undergone medium and intensive thermal modification.



Do not scratch the wooden surface or drag boards on top of each other.



Any complaints about the quality or scent of the wood must be submitted before sawing, installing or treating the wood.



Handle packages and products with care during installation.



Thermowood has a characteristic scent that will weaken over time.

6. Maintenance



When used in dry indoor conditions, Thermory's wall paneling boards require no additional maintenance. If the wood gets dirty, wipe it with a cloth to remove any dirt and dust.



A vacuum cleaner is sufficient for normal floor maintenance, but if needed you should also clean your floor with a well-wrung cloth or a mop moistened with a cleaning agent. The amount of

water used is correct when the floor is dry approximately one minute after cleaning it.



Leave a lasting impact

THERMORY is a world leader in the thermal modification of wood. We offer high-quality, long-lasting solutions that benefit from environmentally friendly technology. We have spent the past two decades developing our expertise through close collaboration with architects, designers, builders and homeowners – constantly revising our product selection and refining our technology in the process.

THERMORY promotes a transparent and responsible corporate culture. We care about the environment and treat nature with deep respect. Our purchasing process is environmentally responsible, and we exercise high standards for quality and sustainability. Our timber is carefully inspected and harvested from sustainably managed forests.

- DECKING
- CLADDING
- INTERIOR
- SAUNA

If desired, we can offer PEFC, FSC or Nordic Swan Ecolabel-certified wood.



As a renewable resource that is both durable and an excellent insulator, wood is one of the most environmentally friendly choices for your construction projects. If you think it's important to protect our valuable resources long into the future, then we're on the same mission. We create lasting value, because we want to leave behind a more harmonious and sustainable world.

REAL WOOD PRODUCTS WITH BEAUTY AND STABILITY IN EVERY FIBER