

THERMODECK Classic decking boards are safe to use because they are made without chemicals, relying solely on heat and steam. Thermal modification enhances the wood's resistance to moisture, minimizes dimensional changes, and significantly extends its lifespan. The process also gives the wood excellent biological durability, with a decay resistance class of 1-2. As a result, thermally treated wood lasts much longer than untreated wood.

Additionally, thermally treated pine absorbs moisture poorly, which means it is less likely to warp, cup, or bend when exposed to outdoor conditions, unlike untreated wood. Furthermore, since the moisture content of thermally modified decking boards is lower than that of regular wood, they are better equipped to withstand UV radiation without suffering from surface cracking.

The installed product is considered approved. Please ensure, before installation, that the product meets your expectations.

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ThermoDeck Classic

1. STORAGE

It is advisable to store thermally modified decking under a shelter protected from rain and direct sunlight. If you have covered the decking boards during storage, ensure that air can circulate freely around them.

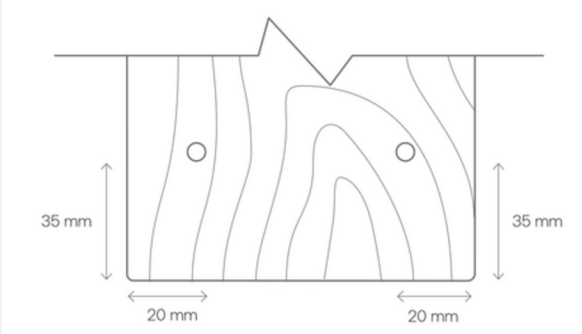
2. THE FRAME OF THE TERRACE

Start the construction of the terrace with the framework. The frame must be at least 100 mm above the ground, and the maximum distance between the frame beams should be 400 mm.

3. INSTALLATION

Always install the decking boards with the heartwood side facing down. We recommend pre-drilling holes in the decking boards for screws. Pre-drilling helps prevent the boards from cracking during installation. Without pre-drilling, the boards may develop cracks. The diameter of the pre-drilled hole should be 1 mm larger than the diameter of the fastening screw. When utilizing hidden fastening, pre-drilling is not needed.

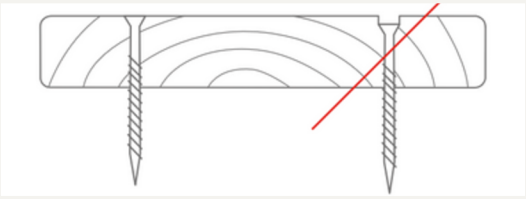




Thermally modified wood can be processed using standard woodworking techniques. Because only water and steam are used in its production, the sawdust from thermally modified wood is not considered hazardous.

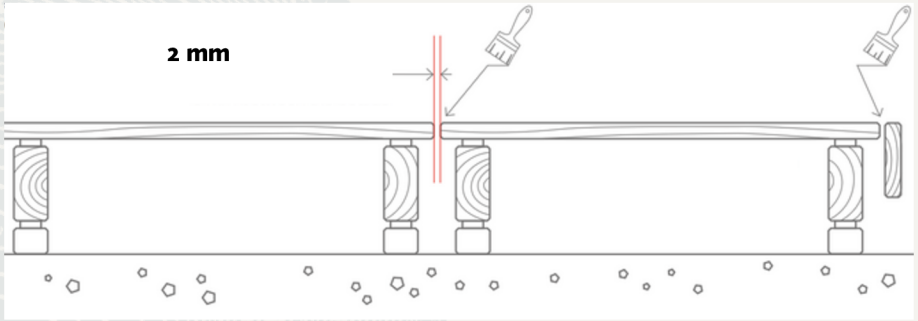
3. INSTALLATION

TOP MOUNTING
Use self-drilling stainless steel screws for installation. Ensure that the screw head is flush with the surface of the decking board.



HIDDEN FASTENING
Decking boards can be installed with hidden fixing using a CAMO screw guide. This method conceals the screw heads, helping to prevent moisture from damaging the wood. When using hidden fastening, there is no need for pre-drilling the holes for screws. For hidden fixings, it's important to use stainless steel screws.

It is recommended to maintain a 2 mm gap (minimum) between the boards.



TREATMENT OF CUT SURFACES
All cut surfaces must be treated with a surface treatment agent suitable for outdoor use to prevent the wood from cracking.

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4. EXTENDING THE BOARDS

When extending the boards end to end, make sure the joints align with the center of the frame. It is advisable to use an extra blocking piece fastened to frame at the joint. This allows the fastening screw to be placed further from the edge of the decking board. This practice helps prevent the board from splitting at the ends.

5. WASTE HANDLING

The offcuts from the decking boards can be disposed of either by burning them or in compliance with your municipality's regulations

6. MAINTENANCE

Thermally modified wood naturally turns gray over time due to exposure to ultraviolet rays from the sun. Untreated thermally modified wood requires only an annual wash with water and a light brushing. Mild cleaning agents can be used to clean the terrace as well.

If the thermally modified wood terrace has been treated with oil, we recommend performing annual maintenance using the same wood oil as the initial treatment or a similar water-based wood oil. Tinted wood oils are also available and can help maintain the original color tone of the thermally modified wood. Without treatment, thermally modified wood will gradually turn gray from sunlight exposure.