

***Thermal modification changes the properties of wood permanently. It improves resistance to decay and to weather, reduces moisture deformations and increases dimensional stability.***

The modification level can be chosen according to the requirements of the particular end use. The most common applications for modified wood are exterior constructions such as wall claddings and prefabricated wall elements, terrace floors, garden furniture, window frames, doors, playground, noise barriers and various jetties. Also indoors thermally modified wood can be used for a great number of various purposes such as parquets, wall panels, kitchen cupboards and sauna interiors. It is also suitable for furniture, various accessories and decorative goods. Musical instruments and boats are also being made.



Furthermore, thermal modification results in improved heat insulation and a darker shade of color. No impregnant agents are used in the process and therefore, it is best material to use in various applications.



Thermal modification is a process that uses heat to alter the chemical structure of wood, making it more resistant to decay and insect damage. This process is often used for outdoor furniture and structural elements, as it can significantly extend the life of the wood. The modified wood is often a lighter color and has a more uniform texture than natural wood.