The excellent resistance to decay and good dimensional stability, characteristic of Thermally Modified Wood makes it the ideal environmental friendly alternative in outdoor applications. Thermally Modified Wood is great product also for interior applications due to the enhanced natural beauty of wood and improved dimensionals stability.

Depending on the modification level of wood Thermally Modified Wood has improved the resistance to decay as well as dimensional stability, lower water absorption and less shrinkage and swelling of the wood. Furthermore Thermally Modified wood results in increased surface hardness and heat insulation. The natural color of the Thermally Modified Wood have been changed into attractive darker shade of colour. Different wood species will get a different darker shade during the process due to their natural characteristics.
Thermally Modified Wood

Luxhammer Thermal Modification is suitable for all timber species. Modification level can be chosen according to the requirements of the particular end use.
Thermally Modified Wood

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, playgrounds, noise barriers, and various jetties.
Thermally Modified Wood

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.
Thermally Modified Wood

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

The indoor area provides a cozy, warm atmosphere, perfect for relaxation or social gatherings.

Food and drinks are served in elegant table settings, enhancing the overall dining experience.
Thermally Modified Wood

The excellent resistance to decay and good dimensional stability, characteristic of Thermally Modified Wood makes it the ideal environmentally friendly alternative in outdoor applications where wood is exposed to high levels of moisture, wetting and changing weather conditions. With thermal modification you can enhance the natural beauty of wood and add many excellent properties to your products!