

The Best of Wood
- Heat Treated Wood

ThermoWood® **HJT-Holz Oy**
thermowood.fi





Austria, Chalet Laudegg – Fine sawn ThermoWood spruce

Heat Treatment of Wood Since 1997

Are you looking for high-quality heat treated wood for indoor or outdoor use? The Finnish HJT-Holz Oy offers a solution to your needs. Extensive experience, patented production technology and the best raw material from trusted partners guarantee the quality of our products.

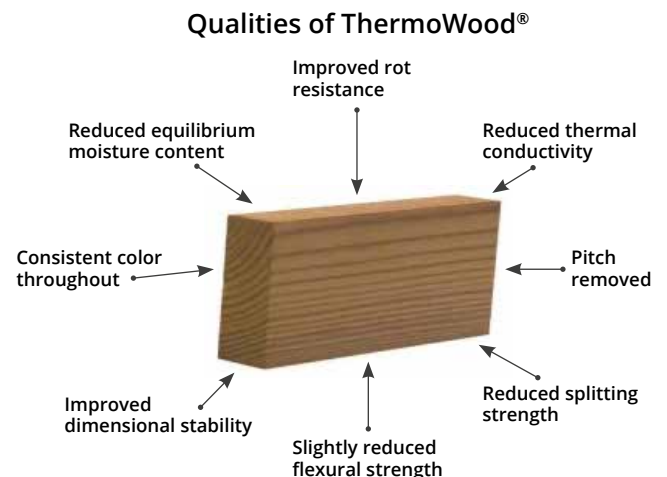
HJT-Holz Oy is a company specialized in the production and further processing of heat treated wood. We have 6 heat treatment facilities for wood and our own planing mill and surface treatment line. Our capacity is approx. 20,000 m³, and some 95% of our products are exported.

We have been a member of the Finnish ThermoWood Association since 2000, and we are entitled to use the association's ThermoWood® trademark. It means that we co-operate with the association in, for instance, quality control and research.

ThermoWood for Indoor and Outdoor Use

ThermoWood, or heat treated wood, is suitable for

many purposes. In the interior, it can be used in, e.g., walls, ceilings, floors, saunas, fittings, and furniture. On the exterior, it is suitable for use in, e.g., cladding, terraces, doors, and windows.



Heat treatment improves both the qualities and the appearance of the wood. The beautiful brown color gives it a stylish, almost hardwood-like look. Often that alone is a good enough reason to choose ThermoWood.



Austria, Private house – Planed Thermowood pine

Natural Protection Without Chemicals



Heat treating wood is a natural way of protecting it. It improves its rot, weather and thermal resistance, and reduces the movement of wood due to moisture. No chemicals are used in the

treatment, since it is based on high temperature and water vapor.

During the heat treatment, the temperature of the wood is first increased to over 160 °C, and then decreased back to the normal temperature. The treatment lasts from 1.5 to 3 days, and it is regulated with the help of hot air and water vapor. The structure of the wood changes as water and extractives, such as pitch (terpenes), are removed from it.

Uncompromising Quality and Environmental Excellence

Taking both quality and the environment into consideration is a matter of honor for us. It applies to all that we do. We are committed to following the principles of economically, ecologically and socially sustainable forestry. We comply with legislation and other regulatory requirements, and we also expect our contractual partners to do the same. It is of

paramount importance to us that we know the origin of the lumber we acquire.

Our company has been granted the SKH-PEFC-COC-5217 certificate. The certificate attests that the management of the origin of the wood has been assessed and follows the international PEFC standard PEFC ST 2002:2013. The certificate covers lumber acquisitions, sales, data systems, internal control and files. On the basis of the certificate, the Finnish Forest Certification Council has granted us the right to use the PEFC mark.



Finland, Private house – Planed Thermowood birch



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