



THE RMOWOOD

BANSAL FOREST PRODUCTS

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PROCESS

Heat-treatment involves heating wood material to a temperature of 180 – 220 °C while at the same time protecting it with steam. The steam protects the wood, but it also influences the chemical changes taking place in wood. The treatment involves using only heat and steam. Thermowood® is an environmentally friendly and fully recyclable product, the manufacture of which does not include any harmful chemicals.



APPLICATION

Thermowood® is almost always good to surface treat. However, this must be done according to the intended use. Suitable treatment agents for outdoor use are, for example, oils, wood preservatives or different paints. Varnish or waxes can be used in interior premises. They also provide protection against dirt and UV radiation. Untreated Thermowood® becomes lighter and grey due to the UV radiation from the sun. Thermo wood is an non-toxic resin free natural product which is easy to machine and install.

WHY THERMOWOOD

1. Thermal wood is safe

Thermal wood stays natural and environmentally friendly as thermal treatment does not imply using chemical substances.

2. High durability of thermal wood

As a result it is almost not exposed to mechanical impacts, is not afraid of change in temperature and other atmosphere factors.



3. Resistant to moisture

The structure of thermal wood is very dense, therefore it does not absorb moisture and as a result does not swell and change appearance.

4. Low level of heat conductivity

Thermal wood keeps up to 30% more warmth in your house comparing with normal wood and even more with other construction materials.



5. Longevity of material

Is provided by the fact that thermal wood does not rot therefore does not absorb moisture, and the mold does not appear on it. It is not attractive for insects-pests as nutritive substances are absent there after the treatment.

6. Thermal wood looks extraordinarily beautiful

After the thermal treatment the surface of the wood becomes even and smooth. Thanks to the thermal treatment colors become richer; the wood changes its color all along the profile.





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