

Thermowood

Properties

Thermowood is pine, which is heat-treated to increase durability. Thermowood is used as a chemical-free alternative to pressure-treated wood.

The wood is heated for several hours. In the process, the components of the wood that allow moisture, rot, mould, etc. disappear or are transformed. Heat-treated wood is resistant, provided it has no ground contact.

The treatment makes the wood more brittle and its bending strength is reduced. When working with thermowood, you should seek out recommendations for handling and tools.

The wood darkens with heat treatment. It will patina to silver grey unless oiled. Oiling will also reduce the natural development where the wood, when exposed to weather, develops shrinkage cracks and loose fibres.

The estimated lifespan of untreated thermowood is up to 30 years.

Operation and maintenance

Cleaning

- Wash with a mild detergent and rinse with clean water
- If necessary, use wood cleaner or algae remover - follow the product instructions

Maintenance

- Woodwork should be inspected once per year. Replace boards with damage
- Pay special attention to boards that are near the ground where water and mud can splash up

Surface treatment

Thermowood can be left untreated and will then patina to silver grey. Oiling with pigment can help the wood retain its warm colour. Surface treatment will generally extend the life.

- Apply the product every 1-3 years. The product is applied to dry, clean wood
- Depending on the sun, wind and weather, the treatment can be applied more often
- Please refer to the instructions and safety data sheet for the product being used