

## Thermo ash

### **Properties**

Thermo ash is ash, which is heat-treated to increase durability. Thermo ash is used as an alternative to tropical hardwood. It is also usable 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 wood darkens with heat treatment. It will patinate 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 thermo ash 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*

Thermo ash can be left untreated and will then patinate 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

#### *End of Life Guide*

- Ask your local waste management authority or disposal service for correct recycling or disposal of thermo ash