



SAPELE MAHOGANY FSC® CERTIFIED (FSC® C016789)

Properties

Sapele mahogany is a hardwood (*Entandrophragma cylindricum*), which has a high natural oil content and therefore has good durability in Danish weather. Due to its hardness and durability, sapele is used for, among other things, furniture, musical instruments and sailboats. This type of wood is suitable for outdoor furniture because the resistance to rot and fungus is relatively good. The heartwood is reddish brown, while lighter streaks may occur in the sapwood. The wood's colours patina over the years from red-brown to a silver-grey. Sapele will moisten in rain and dry out during periods of drought. It can cause shrinkage cracks, meaning small, thin cracks in the surface. If the furniture is exposed to large temperature fluctuations, larger cracks can occur.

Sapele has a density of approximately 680 kg per cubic metre. The lifespan of sapele is dependent on wind, weather and maintenance and can vary from 10-25 years depending on density.

Sapele products that are delivered oiled have one coat of oil from Trae-Nolin.

Operation and maintenance

Cleaning

- Regularly remove fallen leaves and the like
- Clean by cleaning the wood with a brush, water and mild detergent, e.g. dishwashing liquid
- Finish by wiping it off with a dry cloth
- Avoid pressure washing, since it opens up the wood grain

Fungi and algae

- If necessary, use a fungi or algae remover, e.g. before oiling
- Wood furniture should be stored under a roof, but with good ventilation from below to reduce the development of mould and algae

Oiling

Frequent oiling of sapele leads to the reddish-brown colour of the wood being preserved, it becomes more dirt and water-repellent, and the risk of shrinkage cracks is reduced.

- Apply a suitable wood oil with pigment twice a year, for example Trae-Nolin. Apply oil to dry wood and sand before oiling to improve the result
- If the furniture is exposed to a lot of wear and tear, wind and weather, oil should be applied more often
- Please refer to the instructions and safety data sheet for the oil used

End of Life Guide

- Ask your local waste management authority or disposal service for correct recycling or disposal of Sapele Mahogany.



SATURE (PINE WOOD)

Properties

Sature is pine wood, which, after treatment with silicate, provides long-lasting outdoor durability. Silicate is a naturally occurring mineral. The process can be likened to chemical-free pressure treatment. The method was developed in Denmark.

Sature is used for terraces, façade cladding and other outdoor woodworking. Due to its excellent durability, sature is also ideal for outdoor furniture. It is light in colour and quickly weathers to silver grey, since the silicate treatment accelerates bleaching. Owing to its hardness, sature cannot be painted.

It has a density of 500-550 kg per cubic metre. Sature is a new product – tests indicate a useful life of at least 10 years with the right maintenance. Sature is durability class 1.

Operation and maintenance

Cleaning

- Wash down, possibly with soap designed for sature – follow the product directions.
- Wood fibres may come loose from sature – this is known as defibration and is caused by UV radiation from the sun.
- Brush off the loose fibres once the woodworking is dry.

Maintenance

- Woodwork should be checked once a year. Any damaged boards or slats should be replaced.
- Pay particular attention to boards near the ground where water and mud may splash.

Surface treatment

Sature does not require any surface treatment. If desired, the following products are specially designed for sature:

- Soap – for cleaning the wood and refreshing the colour
- Sealer – for cut surfaces
- Waterproofing product – for surface treatment
- Always follow the product directions.

End of Life Guide

- Ask your local waste management authority or disposal service for correct recycling or disposal of Sature.