

Oak

Properties

Oak is a light wood with fine graining, which is used for a wide range of purposes outside and inside. This type of wood has been used by humans for millennia, for example for ships. Oak is one of the most durable European woods. We use oak for facade cladding and outdoor furniture.

Oak wood is heavy, hard and durable. It contains natural tannic acid, which makes it resistant to fungal and insect infestations. The structure of the wood is closed. Therefore, it is difficult for water to penetrate oak, and the wood does not work much. The colour is light grey-yellow, which will patina to silver-grey outdoors. Oak will have shrinkage cracks, meaning, small, thin cracks in the surface. In large temperature fluctuations, larger cracks can occur.

In our products we use European oak with a density of approximately 650 kg per cubic metre.

With regular oiling, oak can achieve an estimated lifespan of about 50 years.

Be aware that the acid content of oak can react with e.g. hot-dip galvanised steel in a way that will give bluish smudges from the steel and black stains on the wood.

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 will make the wood more dirt and water repellent and reduces the risk of shrinkage cracks.

- Apply a suitable wood oil 2 times per year, for example Wood-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