

## Product information | Mitoyo

**Lively pattern, durable,  
environmentally friendly,  
versatile, free**

### Product description

Mitoyo has a distinctive, even pattern in the carbon layer, interspersed with small knots and bristles, which gives it a lively appearance. The silver sheen of the carbon layer gives Mitoyo a different appearance depending on the angle of the light. The hard carbon layer makes Mitoyo ideal as a durable finish for a façade or roof. Mitoyo is also very suitable for use in any interior.

Mitoyo is a natural product. This means that individual planks may differ from one another.

### Type of wood

Mitoyo is produced by Accoya and made from Radiata Pine, which is a fast-growing pine species. The wood is modified using a (non-toxic) acetylation process. The sustainability of Accoya® wood is Class 1 and it has extensive quality certificates (including KOMO, RAL, BBA and WDMA) as well as a cradle-to-cradle gold certification. The wood has a lifespan of at least 50 years above ground and 25 years in direct contact with soil and in fresh water.

### Fixation

In addition to the carbon-only version, we can also supply Mitoyo that has undergone a Bito White fixation, which is a colourless water-based resin. This fixation will tone down the outer surface, make it slightly tougher and prevent the carbon from staining. This makes the fixated Mitoyo product extremely suitable for interior applications.

Note: Untreated Mitoyo (i.e. with only a pure carbon layer) will initially stain slightly, but this is reduced with every rain shower.

### Dimensions

We supply Mitoyo planks in the following sizes as standard:

Thickness: 18mm

Width: 70mm, 95mm, 145mm and 195mm

Length: 4000mm. Other sizes strongly depend on supply and season.

Custom sizes are also available at an additional charge.

The standard delivery time is 6-8 weeks, but do enquire about the available options!

### Fire class

Mitoyo has a standard fire class of D - s2,d0 (European standard - EN13501).



Mitoyo



Mitoyo fixated

### Technical specifications

- Application: interior, exterior and roof applications
- Wood type: Pinus Radiata
- Origin of wood: various
- Surface texture: as per sample
- Profile: Our products have a squared profile as standard. Alternative profiles available on consultation.
- Mounting method: Stainless steel screws with a black head.

## Aging

In general, wooden facades and roofs are usually heavily impacted by the elements. UV radiation, rain and hail all contribute to the weathering of a surface. The lifespan of wood and the surface is significantly increased with the use of roof overhangs, roof edge profiles and windowsills.

Mitoyo weathers very slowly if not at all. However, it is possible that some small pieces of carbon may come loose after a few years, or following severe showers or a hailstorm. The wood that becomes visible under the charcoal layer will eventually turn grey. In the absence of cover strips, the carbon layer will crumble more easily at the top.

## Maintenance

In general, Mitoyo does not require any maintenance. However, Mitoyo may show green deposits on wall sections that are in the shade. Any deposits or dirt can be carefully removed with cleaning vinegar and lukewarm water. Use a kitchen towel or a soft brush and/or plant sprayer or a garden sprayer for large areas. Do not use a high-pressure sprayer as this may cause irreparable damage to the carbon surface. Do not use a scouring pad and do not be tempted to scrub. It is normal for small weathering spots to develop in the wood over time. Do not try to char the wood yourself! We also do not recommend painting over any damaged areas with black paint. This does not give a satisfactory result as the appearance of paint is different from the silvery sheen of the carbon layer. In the event of major damage, we recommend replacing the entire plank.

## Applications

The small knots and bristles give Mitoyo a lively appearance.

