

## Product information | Takamatsu

**Classical with a fine linear structure, durable, versatile, contemporary**

### Product description

Takamatsu wood is cut at right angles to the growth rings (quarters/false quarters). This cutting method gives Takamatsu a special but fine, linear structure and a classic, calm feel. The planks are charred in our own oven one by one, after which the wood is brushed and treated again. Takamatsu is resistant to all weather conditions and does not stain.

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



Takamatsu semi-gloss



Takamatsu matt

### Type of wood

Takamatsu is made of Douglas fir from sustainably managed European forests. The durability of Douglas wood is Class 3 and is therefore very suitable for use as wall cladding. Characteristic of Douglas wood is the scent and the presence of knots. These knots may be visible in the line pattern. Knots of up to 2 cm could pop out of the plank during our charring process which is virtually unavoidable. Another characteristic of Douglas wood is that it continues to expand and shrink under the influence of moisture and temperature fluctuations.

### Subsequent treatment

After charring and brushing, Takamatsu is treated with our water-based Bito Black semi-gloss or Bito Black matt.

Both Bito Black varieties provide good protection against water, dirt, mould and other deposits. We recommend repeating this treatment every 3 to 5 years (see also the maintenance section).

### Dimensions

We supply Takamatsu planks in the following sizes as standard:

Thickness: 23mm up to 40mm

Width: 60mm up to 150mm

Length: up to 5000mm

Custom sizes are also available at an additional charge. The standard delivery time is 6-8 weeks, but do enquire about the available options!

### Technical specifications

- Application: interior and exterior
- Wood type: Douglas (Pseudotsuga menziesii)
- Origin of wood: Europe
- 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. Subject to consultation, clips can be used for invisible mounting.

### Fire class

Takamatsu has a standard fire class of D, S3, D0 (European standard - EN13501). After impregnation and with a sealed profile: Classes B, S1, D0.

## 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.

Takamatsu used in interiors does not usually age. If Takamatsu is used as wall cladding where it is exposed to direct sunlight, the colour may fade over time. White dots may develop but that is a natural process caused by resin. These white dots will disappear during the first maintenance. If desired, they can be carefully removed with a sharp knife. Never use solvents as Bito Black is water-based and will dissolve. The Bito Black finish may shine slightly on delivery. This effect will disappear over time.



Takamatsu aging process

## Maintenance

Takamatsu requires periodic maintenance. However, when used indoors subsequent treatment is not usually necessary. For exterior applications, we recommend that Takamatsu be re-treated every 3 to 5 years with Bito Black, for optimal colour results. This treatment also extends the lifetime of the wood. Apply a new coat of Bito Black with a wide blocking brush for complete refurbishment after cleaning. DO NOT sand the wood before treatment! Sanding will irreparably damage the structure of the wood. In the event of major damage, we recommend replacing the entire plank.

Any deposits and/or dirt can be carefully removed with cleaning vinegar and lukewarm water. We do not recommend using chemical detergents. For cleaning, use a kitchen towel or soft brush and a plant sprayer or a garden sprayer for large areas. Do not use a high-pressure sprayer and/or scouring pad as this may damage the surface.

Bito Black is easy to maintain. For a two-layer finish, it is recommended that a new coat be applied after, on average, 4 years. Bito Black will slowly degrade during this period. Maintenance after this period is simple and easy; after cleaning the wood with water, one new coat is normally sufficient. Experience has shown that cleaning the surface between maintenance intervals increases the durability of the finish and makes maintenance easier. Using agents with a different composition to Bito Black may cause adhesion problems.

We treat Takamatsu for exterior applications twice before delivery. Due to soiling and dirt on the construction site, we recommend treating the wood one more time with Bito Black after installation for optimal colour results.

**For Takamatsu, the wood is sawn at right angles to the growth rings, which gives it its characteristic line structure.**

