

Product information | Marugame

Characteristic Versatile Silvery charred layer

Product description

This beautiful, charred wood has a characteristic and equally divided pattern. The silvery glow of the charred layer has a different look depending on the angle of the sunlight. The hard charred layer makes Marugame ideal as a sustainable cladding for roofs and facades. Marugame is also very suitable as an attractive eye-catcher in a special interior.

Wood type

The wood used for Marugame is Accoya® of the Pinus Radiata tree, a fast-growing pine species. The wood is modified through a non-toxic acetylation process. Accoya® is labelled with durability class 1 and other quality certifications (i.a. KOMO, RAL, BBA, WDMA), and a cradle-to- cradle gold certification. The wood has a lifespan of at least 50 years above ground, and 25 years when in contact with soil and fresh water.

Fixation

In addition to the carbon-only version, we can also supply Marugame that has undergone treatment with Bito White, a colourless resin, which is water based. The charred layer becomes a bit more matt in appearance and will stain less. This makes the treated Marugame product extremely suitable for interior applications.

Dimensions

Thickness: 13 mm | 22 mm
 Width: 100 mm | 150 mm | 200 mm Length: 2400 mm | 3000 mm | 3600 mm | 4200 mm | 4800

Other profiles and dimensions are possible in consultation.



Marugame



Marugame fixated

Technical specifications



interior and exterior
 (including roof applications)



durability class: 1
 (European standard – EN350)



fire class: D
 (European standard – EN13501)



New Zealand
 (FSC® certified forests)



maintenance free



worm stable



standard profile



mounting with 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.

Marugame 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. This has no effect on either the wood or the rest of the carbon layer. In the absence of cover strips, the carbon layer will crumble more easily at the top.

On the right you can see how Marugame may weather. Small pieces of the carbon layer can come off, for instance. You will then notice slight damage in the carbon layer. As soon as the wood becomes visible under the carbon layer, it will start to turn grey. This greying has no technical consequences.



Aging Marugame

Maintenance

In general, Marugame does not require any maintenance. However, Marugame may show a green deposit on façades in the shade. Any deposits and/or dirt can be carefully removed with cleaning vinegar and lukewarm water. Use a kitchen towel or a soft brush and/or a plant sprayer or, for large surfaces, a backpack sprayer. Do not use a high-pressure sprayer as it could irreparably damage the carbon surface. Do not use an abrasive sponge and do not rub. It is normal for small patches of weathering to appear in the wood over the years. Do not try to char the wood yourself! We also do not recommend painting damaged areas black. This does not produce a nice result. The appearance of the paint is different from the silvery sheen of the carbon layer. In the case of extensive damage, we recommend replace the entire plank.

The silvery sheen of the layer gives Marugame a different look depending on the angle of the sunlight.

Applications

