

Charred Wood

Wood charring originated in Japan and known as Yakisugi. This is a completely sustainable method of protecting wood from environmental factors, at the same time providing an extraordinary and distinctive aesthetic. During the charring process, the external side of the board acquires a rich colour, unique texture and protection, with no requirement for any chemical application. It creates moisture, fire & stain resistance, longevity and a natural unique look.

Wood Species	Spruce, larch and modified Accoya® and other wood types are available. All woods are high quality European and FSC certified. These woods are properly dried in, containing only 9-18 % moisture.
Process	Charring / Machine brushing / Oil coating (water based)
Product Use	Used for both exterior and interior applications. Externally a popular choice for cladding, decking and fence boards. Common interior use includes wall, ceiling, floor finishing and furniture.
Sizing	Board width: 95mm, 120mm, 145mm Facia and fencing thickness: 18mm, 20mm, 22mm Decking thickness: 27mm, 28mm Length: 3m, 4m, 4.8m, 6m
Tolerance	+/- 2mm to 3mm
Profiles	Standard profiles are shiplap or T & G* Optional straight cut available, without a profile edge. <i>*Other profiles are available on request e.g half taper, 45° half taper, rhombus</i> Shadow gap options: 5mm, 10mm or no gap
Fire rating	A non-toxic water based fire retardant coating is available if required. For commercial and industrial installations, this provides the Euroclass standard of B-s1d0

Products

There are 8 standard char finishes, as follows:

Carbon / Black / Carbon Light / Graphite / Silver / Brown / Latte / Natural

All are brushed and oiled with the exception of **Carbon**, which is oiled but not brushed. However, it does provide most resistance to environmental factors, requiring minimal care and maintaining a distinct black charcoal layer, which hardens over time. **Carbon** does need extra care both in transit and during installation as its initial softer layer surface is more susceptible to mechanical damage. Note: it is unsuitable for flooring applications.

Care

Charred wood is natural, responding over time to the environment. The largest impact outdoors is from UV light: gradually fading colour towards a natural grey.

However, the natural weathering process is known in Japan as Wabi Sabi.

“Wabi Sabi is the understanding and appreciation of finding beauty in every aspect of imperfection in nature. To see and enjoy the aesthetic of nature and know that she is imperfect, impermanent and incomplete”

If required to preserve the original colour, we recommend surface coating with the same oil used in production. The colour of interior installed products is unlikely to change, requiring only nominal care. We recommend the following:

- Oil treatment of the cladding or fence boards every 5 -10 years
- Oil treatment of the decking boards every 2 years
- Oil treatment of interior finishing products every 10 - 20 years
- Surface stains can be washed off using water and a soft brush
- For stubborn stains: use lightly soaped water, preferably organic

If needed, contact us for further advice before performing any maintenance.

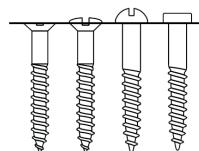
Please also be aware that wood varieties including spruce, pine, larch or Accoya® are treated with the same oil but may differ in appearance due to the varying wood type and wood structure.

Installation

Charred wood installation is little different from traditional wood installation. However, we recommend the following:

- The use of 2 stainless steel screws every 50 - 60cm
- The use of 42 mm screws for 20mm thickness boards
- The use of 55 mm screws for 28mm thickness boards

Ensure wood screw head types are screwed in correctly.



Warranty

Our high quality products are in compliance with the specifications indicated. Differences in wood structure or shade are natural and not regarded as defects.

We provide a 30 year warranty for the board's longevity i.e. we guarantee that during the warranty period under normal outdoor conditions that are common to the Central and Northern European climate, the timber processed using Shou Sugi Ban technique will not begin to rot. The warranty applies to boards undamaged during transportation, installation and use.