



YAKISUGI.


Yakisugi, also known as Sugi, is a traditional Japanese wood preservation technique. It involves charring the surface of cedar (sugi) wood to create a protective layer against weather, fire, insects, and decay. It has gained popularity in contemporary architecture and design due to its unique aesthetic and sustainable qualities.





/ FEATURES /


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DURABILITY
Yakisugi enhances the wood's durability by creating a layer of char that protects it from weathering, fire, insects and decay. This preservation technique extends the lifespan of the wood significantly.
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STABILITY
Yakisugi wood has good dimensional stability, making it less prone to warping, shrinking, or swelling when exposed to changes in humidity or temperature compared to untreated wood. The charring process helps to seal the wood fibres, reducing moisture absorption and minimising dimensional changes.
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AESTHETIC
The charred surface of Yakisugi wood creates a unique and striking appearance. It adds depth, texture, and character making it a popular choice for architects and designers. Due to the natural aging process, Yakisugi's visual appeal continues to improve over time.
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INSTALLATION
Yakisugi's consistent density and workability support efficient installation, with pre-drilling recommended for optimal fixing performance.
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MAINTENANCE
The most practical feature of Yakisugi is that it requires minimal maintenance. Although best practice is to oil/stain prior and post installation, we estimate charred timber to only require oil every 5 to 7 years.
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SUSTAINABILITY
Yakisugi has world-class planting and management systems in place with GOHO certification. The charring process is chemical-free and relies on a traditional technique, making it an environmentally friendly option for wood preservation.

/ TECHNICAL INFORMATION /

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| ORIGIN | Japan |
| DURABILITY CLASS | Class 2 above ground |
| DENSITY | 320-384 kg @ 12% M.C* |
| RADIAL SHRINKAGE | 1.3% (green to 12% M.C*) |
| TANGENTIAL SHRINKAGE | 3.5% (green to 12% M.C*) |
| KILN-DRIED | Kiln-dried to 12-16% M.C# |
| FIRE-RETARDANT PROPERTIES | Not applicable |
| ENVIRONMENTAL CREDENTIALS | GOHO certified |

The swatch provided is a general guide to the colour and grain.
*M.C = Moisture Content.



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