SUGI BAN WOOD

木

FOR THE LOVE OF WOOD

SUGIBANWOOD.COM

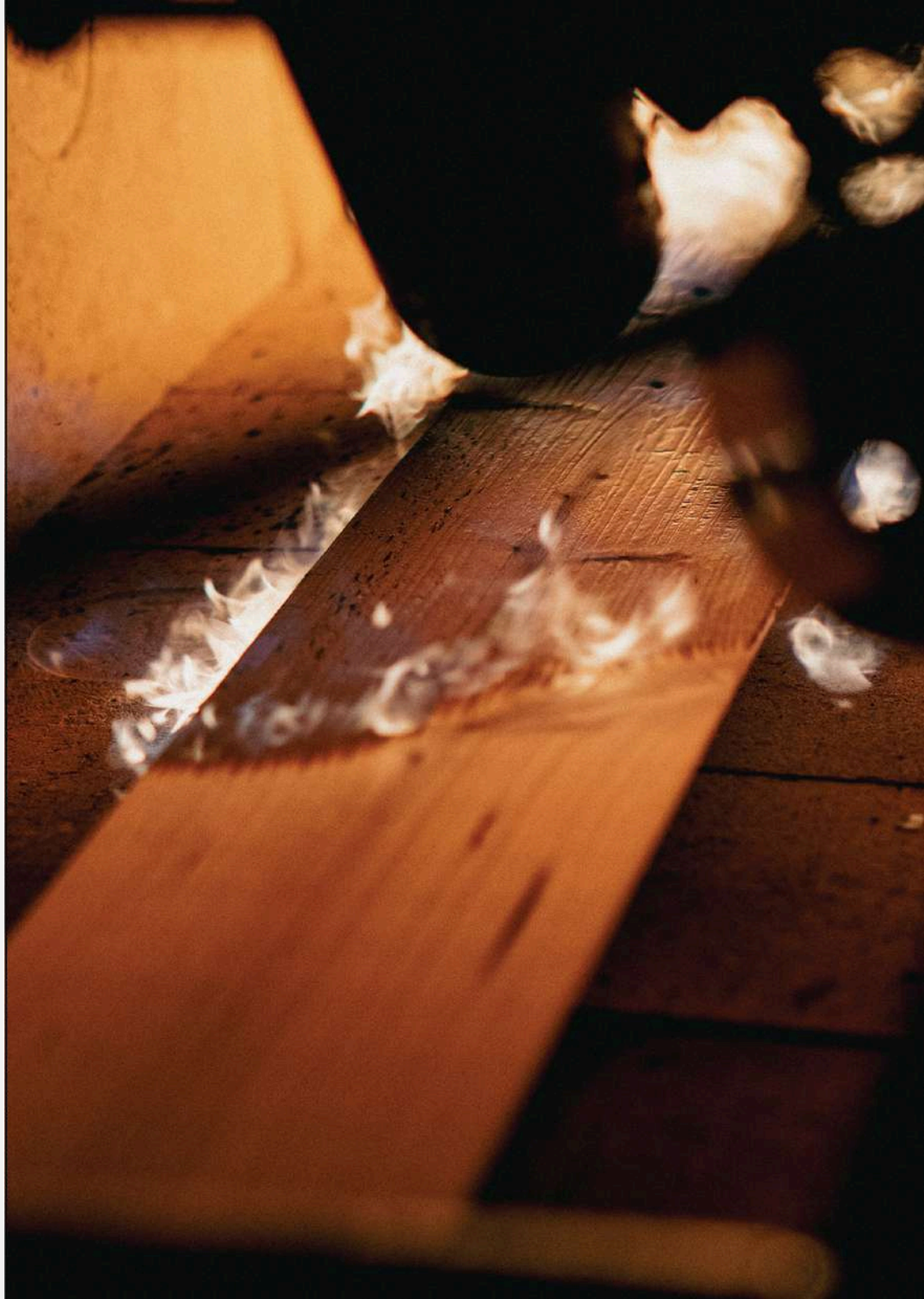
ABOUT US

We specialise in Sugi Ban wood, a unique wood treatment technique that originated in Japan and has been perfected over centuries. By using wood burning technology, we protect pine, spruce and larch wood from weather conditions, mould and pests, while enhancing their natural patterns and exceptional appearance.

Sugi Ban wood is often the solution for the façade of a house, farmhouse or sauna, or for a terrace or interior. Our Sugi Ban wood is an ideal choice for façades, terraces, interiors, fences, railings, walkways and roofs.

We cater to individuals and property developers, delivering orders in various sizes.

Our wood is prepared, burnt and oiled in Vilnius, Lithuania. We deliver throughout Europe.



TECHNOLOGY

Traditional Japanese technology, known as Yakisugi, increases wood's durability, fire resistance and stability, making it an excellent choice for construction.

In the past, traditional Japanese houses used the Yakisugi wood treatment method because chemical wood treatments were not available.
This method involves burning wood which improves its durability and fire resistance, and prevents the appearance of insects and mould. The process also results in more stable boards. Initially, wood was prepared manually, but modern production methods now use burning and grinding machines. Our furnace is made of chamotte bricks, which not only burns the wood's top layer but also heats the entire board thickness.

Shou Sugiban wood which is fired in Japan remains a popular finishing material due to its affordability, ease of processing and durability. Meanwhile, in the West this technology has recently gained significant attention due to its customised modern look, sustainability and environmental friendliness.

ADVANTAGES

EXCLUSIVITY

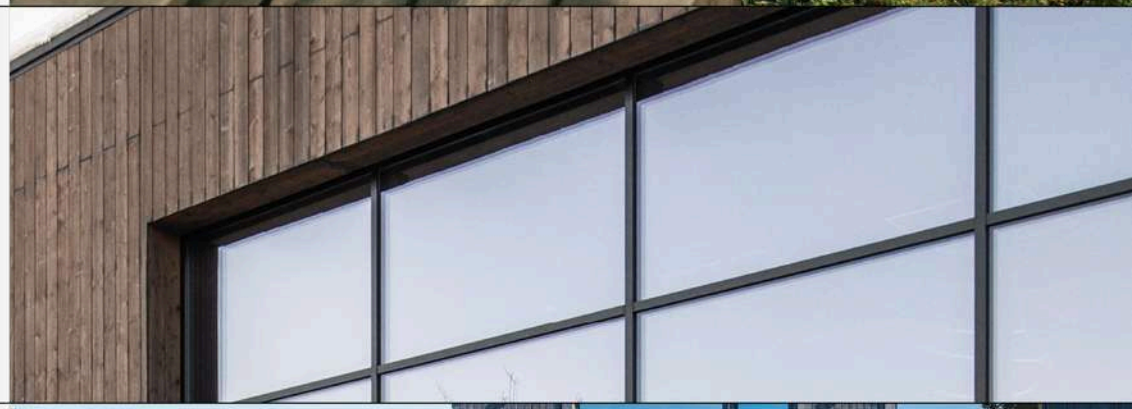
By combining natural wood, traditional Japanese techniques and modern technology, your home, sauna, garage or garden building can exude a subtle luxuriousness and have a unique style.

DURABILITY

Burning the wood creates a protective layer that shields against rain, sun, insects and other external factors, making Sugi Ban wood more durable than conventional or thermo wood.

RENEWAL

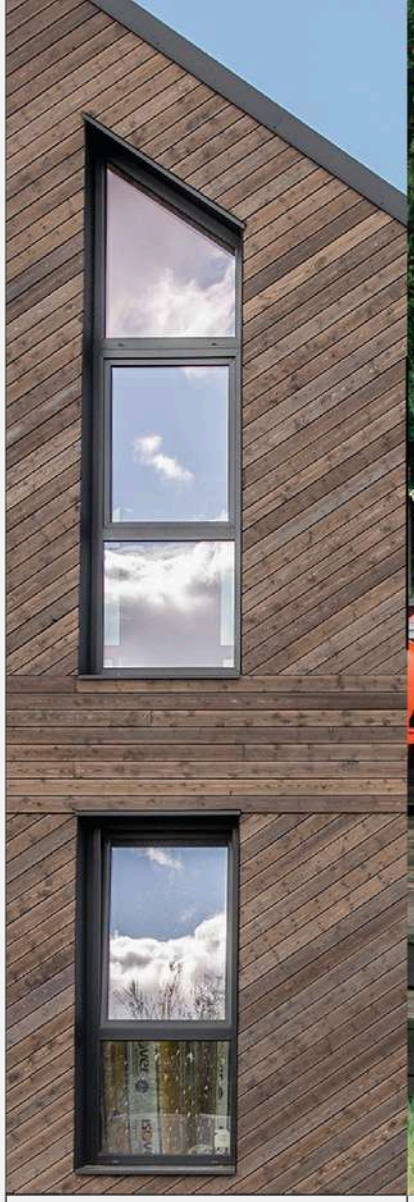
In Japan, burnt wood facades and fences are left to age naturally, without refinishing. However, if maintaining the same colour is preferred, rejuvenating the façade every 5–10 years and the terrace every 3–5 years is recommended.



CARE

Burnt wood requires minimal additional maintenance, but if your house is near a busy or dusty road, an occasional washdown can restore the wood's natural beauty.

WHERE IT IS USED



FAÇADE

TERRACES

INTERIOR

FENCES

ROOF

SHADE OPTIONS

All boards are sanded once; Windy is sanded twice.
All panels are coated with German oil Impra.

FUJI

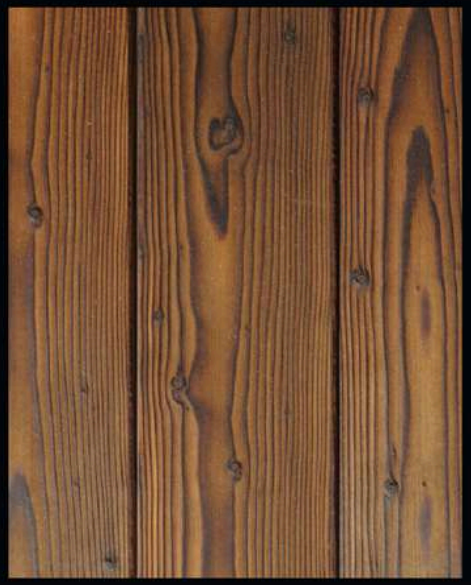
FUJI WINDY

KYOTO

KYOTO WINDY

HOKAIDO

HOKAIDO WINDY



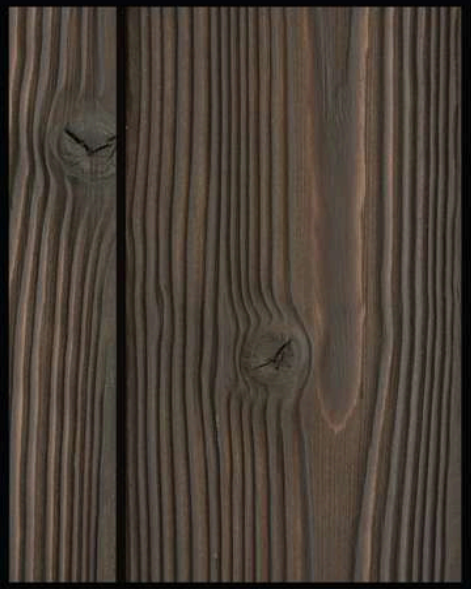
OSAKA

OSAKA WINDY

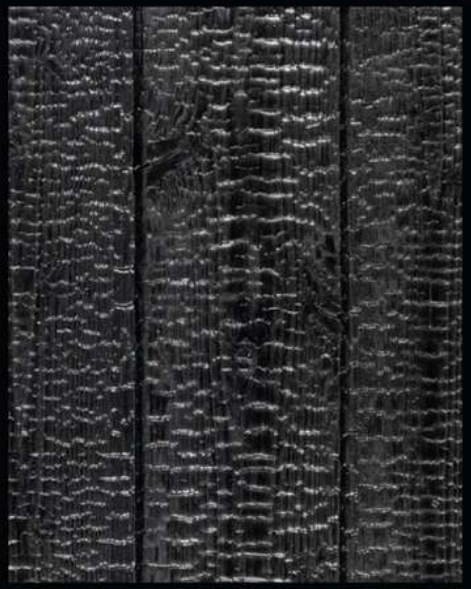
SHADE OPTIONS

All boards are sanded once; Windy is sanded twice.
All panels are coated with German oil Impra.

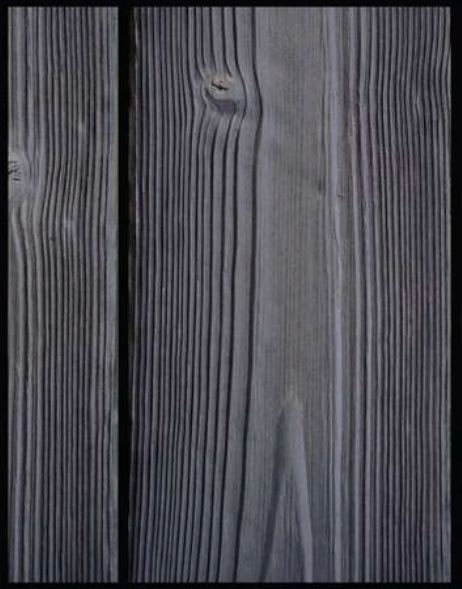
TOKYO



TOKYO WINDY



NIKO



ANTRACITE

NARA

NARA WINDY

MOMIJI

MEDORI

PROFILES

HALF RABBET VERTICAL

Thickness: 18-20 mm
Width: 95-145 mm

FAÇADES INTERIORS

HALF RABBET HORIZONTAL

Thickness: 18-20 mm
Width: 95-145 mm

FAÇADES INTERIORS

RECTANGULAR – PAR

Thickness: 18-28 mm
Width: 95-145 mm

TERRACES ROOFS FAÇADES INTERIORS

C24 GRADE STRUCTURAL WOOD

Thickness: 45 mm
Width: 45-90 mm

FENCES FAÇADES INTERIORS

DOUBLE RABBET PROFILE

Thickness: 18-28 mm
Width: 95-145 mm

FAÇADES INTERIORS

DOUBLE PROFILE FACADE

Thickness: 18-28 mm
Width: 95-145 mm
Strips: 28x45 mm, 45x45 mm

INTERIORS

ACCLIMATISATION

Allow a few days for Sugi Ban wood to adjust to the temperature and humidity of the site before use. If the burnt wood is intended for interior use, store it in the room where it will be installed. For exterior use, leave the wood outside in a dry, shaded area for several days. It is important that the wood is kept dry and in the shade. The longer the wood can acclimate, the less movement it will experience after installation.

GRADING

Each board of Sugi Ban wood is unique in pattern, texture and shade since it is entirely natural. Therefore, we recommend inspecting and sorting the boards before installation. To achieve a more uniform appearance, arrange the boards from darker to lighter and place the nicer-looking wood in more visible areas and the less beautiful boards to the more concealed ones.

FIXING

Fixing Sugi Ban wood requires careful attention to detail such as the type of fasteners, their size and spacing, as well as the wood's natural tendency to expand and shrink with changes in humidity and temperature. To ensure proper attachment and avoid splitting, we suggest using stainless steel screws, anchor nails or wood screws that are at least 2.5 times the thickness of the wood. When fixing the boards, leave a gap of at least 5 cm from the edges lengthwise and 2 cm across the board, and use nails or screws every 40–60 cm, as shown in the illustration provided.

SPACING

Since burnt wood can change its size and shape depending on the weather, it's important to consider this when installing it. For instance, in winter don't leave gaps between the boards in wet conditions or make them too tight, while in summer, leave some space for expansion.

FINISHING

To achieve a uniform and polished look, we recommend applying wood oil to all notches and edges of the wood. As part of your order, we include Danish Woca oil that you can use to coat the wood.

CARE

CLEANING

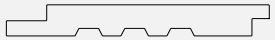
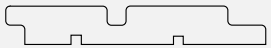
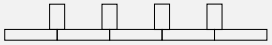
To remove dust or other debris from burnt wood, we recommend using water and a soft-bristled brush. Avoid using high-pressure washers or heavy brushes as they may damage the wood.

OILING

To maintain the burnt wood's original appearance, we suggest oiling it every few years. Depending on the purpose and intensity of use, you can reapply oil to the façade every 5–10 years and the terrace every 3–5 years.

However, it is also possible to let the wood age naturally without re-oiling it since the burning process provides natural protection, and the oil only adds colour. This is the traditional approach in Japan.

MEASUREMENTS

	PROFILE	Thickness, mm	Width, mm	Covered width	Length, mm
	**HALF RABBET VERTICAL**	18-21	146	136	3900-6000
		18-21	121	111	3900-6000
	HALF RABBET HORIZONTAL	18-21	146	136	4200-6000
		18-21	121	105	3300-5100
		18-21	96	86	3900-6000
	RECTANGULAR – PAR	18-21	70-145	70-145	4000-6000
	C24 GRADE STRUCTURAL WOOD	28-45	38-250	38-250	3000-6000
	**DOUBLE RABBET PROFILE**	18-28	95-145	75-125	3000-6000
	**DOUBLE PROFILE FACADE**	18-28	95-145	95-145	3000-6000

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