



YAKISUGI

JAPANESE CHARRED CEDAR



吃粉

ABOUT  
OUR SAWMILLS  
JAPANESE CEDAR WOOD

OUR PRODUCTS  
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INSTALLATION

CONTACT





# ABOUT

## 焼杉について

**Yakisugi 焼杉 is a traditional Japanese method of wood preservation by slightly charring the surface of the wood to increase durability.**

**We produced sustainable charred Japanese cedar wood in Japan since 1946. We are sustainable and focused on vertical integration starting from harvesting our own forests to charring the cedar wood.**

**The life expectancy of Yakisugi is estimated at more than 90 years. When properly maintained, Yakisugi structures can last over 120 years.**

**Our wood is used for interior and exterior applications.**





純杉

# OUR SAWMILLS

工場

**We have three sawmills located in Japan. All of our production is done locally including cutting, burning, and coating.**

**Since the 1970s, the innovation of machines allowed cedar wood to be charred with high-temperature burners at 1700 ° Celcius on all four sides. Originally the process was done by hand but today the mechanization process is now generalized. Our burning line reaches 1700 ° Celsius.**



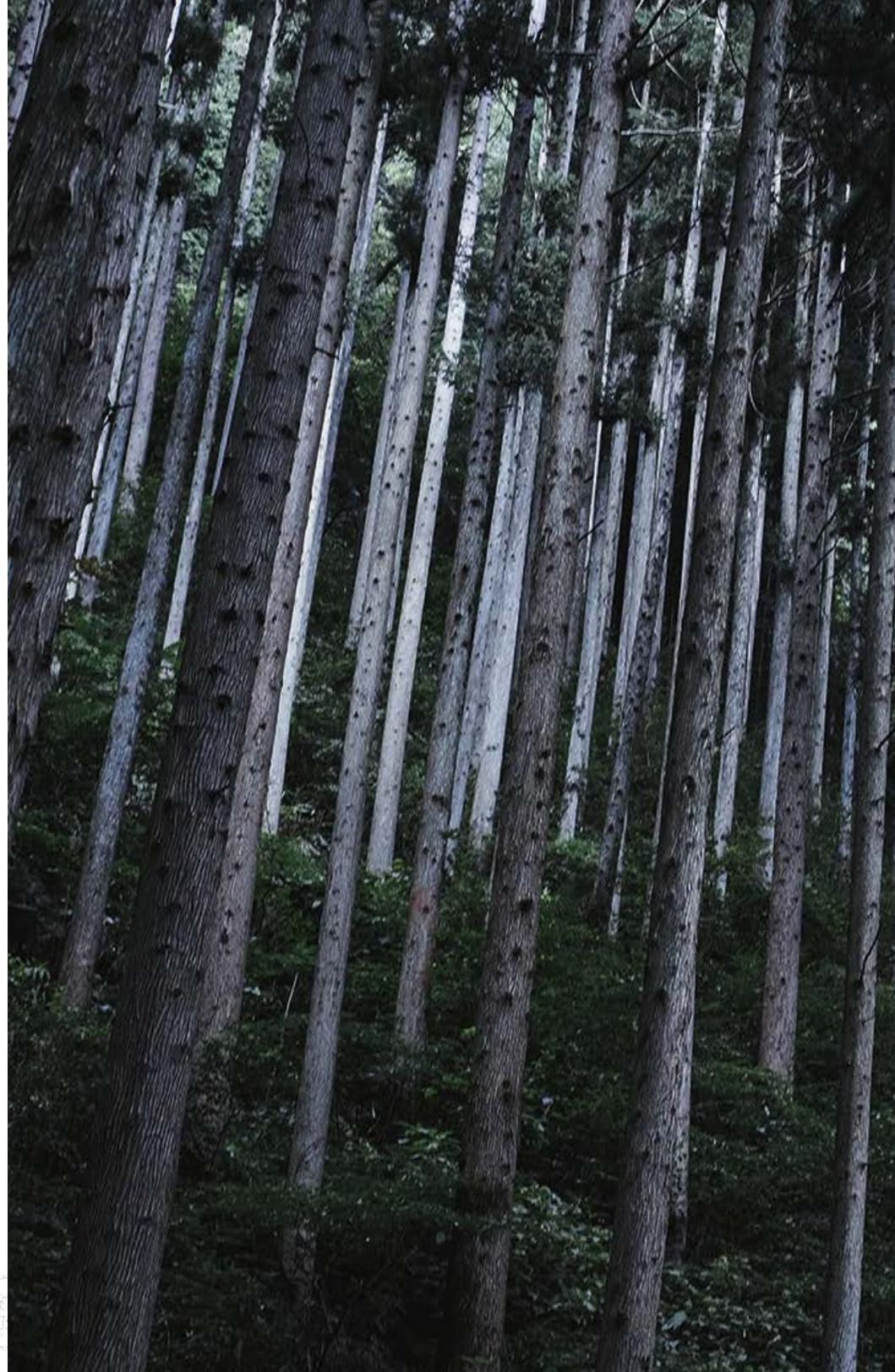


# CEDAR WOOD

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**We use our locally grown Japanese wood which is abundant with a variety of ancient cedar species. *Cryptomeria japonica*, commonly called Japanese cedar or Sugi, is a slender, pyramidal, evergreen conifer with tiered horizontal branching.**

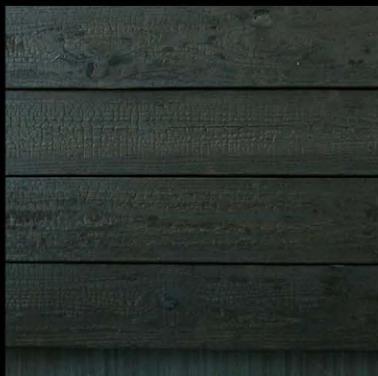
**Cedar has a distinct reddish-brown color found in its central core. It is common to find knots within the core of wood that displays the natural process of growth. There is a distinct and recognizable scent associated with cedar. The drying process is fast, and it is generally easy to work with hand or machine tools, making it an ideal natural construction material in Japan. The bark is used for roofing. The leaves are very aromatic and are used as incense sticks.**





# OUR PRODUCTS

製品



SUMI



MIGAKI



SAI SHIKKOKU JET BLACK



SAI TAISHA



SAI KOHAKU AMBER



SAI TOUMEI



YUKI SNOW WHITE



YUKI BLACK SNOW



SAI INDIGO



SAI CONCRETE



SUMI

志



# SUMI

炭

## EXTERIOR

Coating: 3X polyurethane

Size: 18mm x165mm x 1970mm

18mm x165mm x 2940mm

18mm x165mm x 3940mm

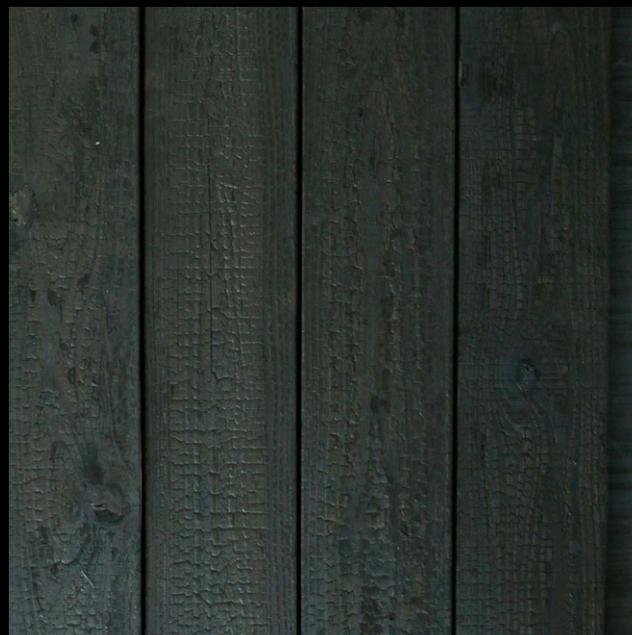
## INTERIOR

Coating: 3X polyurethane

Size: 10mm x 135mm x 1970mm

10mm x 135mm x 2940mm

10mm x 135mm x 3940mm



MIGAKI

麻  
名



# MIGAKI

磨

## EXTERIOR

Coating: 3X polyurethane

Size: 18mm x165mm x 1970mm

18mm x165mm x 2940mm

18mm x165mm x 3940mm

## INTERIOR

Coating: 3X polyurethane

Size:10mm x 135mm x 1970mm

10mm x 135mm x 2940mm

10mm x 135mm x 3940mm



SAI

白鳥



# SAI

彩

**TOURMEI CLEAR** 透明

## EXTERIOR

Coating: oil clear

Size: 18mm x165mm x 1970mm

18mm x165mm x 2940mm

18mm x165mm x 3940mm

## INTERIOR

Coating: oil clear

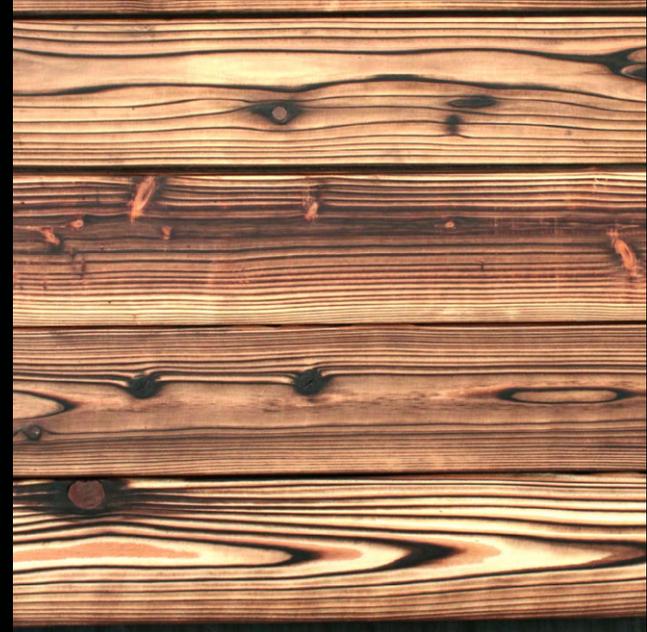
Size:10mm x 135mm x 1970mm

10mm x 135mm x 2940mm

10mm x 135mm x 3940mm

## FINISH

Charred hard brushed



# SAI

彩

SHIKKOKU JET BLACK 漆黒

## EXTERIOR

Coating: oil jet black

Size: 18mm x165mm x 1970mm

18mm x165mm x 2940mm

18mm x165mm x 3940mm

## INTERIOR

Coating: oil jet black

Size:10mm x 135mm x 1970mm

10mm x 135mm x 2940mm

10mm x 135mm x 3940mm

## FINISH

Charred hard brushed



# SAI

彩

KOHAKU AMBER 琥珀

## EXTERIOR

Coating: oil amber

Size: 18mm x165mm x 1970mm

18mm x165mm x 2940mm

18mm x165mm x 3940mm

## INTERIOR

Coating: oil amber

Size:10mm x 135mm x 1970mm

10mm x 135mm x 2940mm

10mm x 135mm x 3940mm

## FINISH

Charred hard brushed



# SAI

彩

TAISHA YELLOWISH BROWN 代赭

## EXTERIOR

Coating: oil yellowish brown

Size: 18mm x165mm x 1970mm

18mm x165mm x 2940mm

18mm x165mm x 3940mm

## INTERIOR

Coating: oil yellowish brown

Size:10mm x 135mm x 1970mm

10mm x 135mm x 2940mm

10mm x 135mm x 3940mm

## FINISH

Charred hard brushed



# SAI

彩

CONCRETE コンクリート

## EXTERIOR

Coating: special PU

Size: 18mm x165mm x 1970mm

18mm x165mm x 2940mm

18mm x165mm x 3940mm

## INTERIOR

Coating: special PU

Size: 10mm x 135mm x 1970mm

10mm x 135mm x 2940mm

10mm x 135mm x 3940mm

## FINISH

Charred hard brushed



# SAI

彩

INDIGO インディゴ

## INTERIOR

Coating: PU Indigo color

Size: 10mm x 135mm x 1970mm

10mm x 135mm x 2940mm

10mm x 135mm x 3940mm

## FINISH

Charred hard brushed



YUKI

雪



# YUKI

雪

KUROYUKI 黒雪

## EXTERIOR

Coating: 2X polyurethane

Size: 18mm x165mm x 1970mm

18mm x165mm x 2940mm

18mm x165mm x 3940mm

## INTERIOR

Coating: 2X polyurethane

Size: 10mm x 135mm x 1970mm

10mm x 135mm x 2940mm

10mm x 135mm x 3940mm

## FINISH

Charred and Special brushed



# YUKI

雪

SHIROYUKI 白雪

## EXTERIOR

Coating: 2X polyurethane

Size: 18mm x165mm x 1970mm

18mm x165mm x 2940mm

18mm x165mm x 3940mm

## INTERIOR

Coating: 2X polyurethane

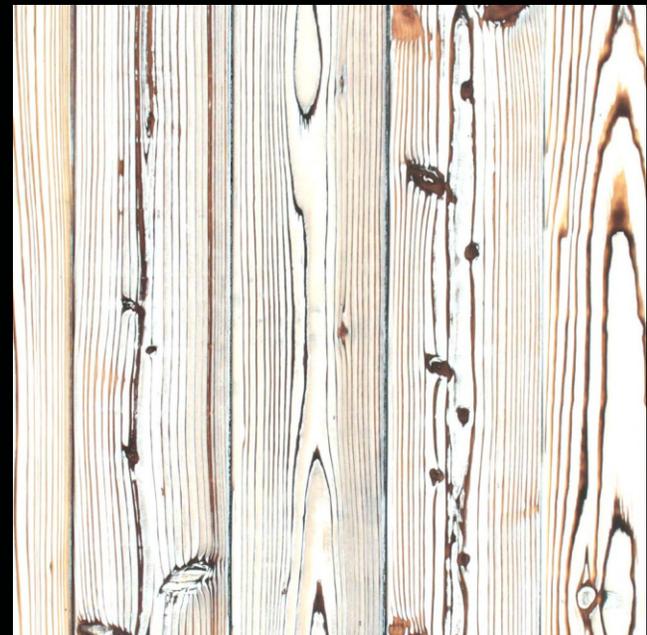
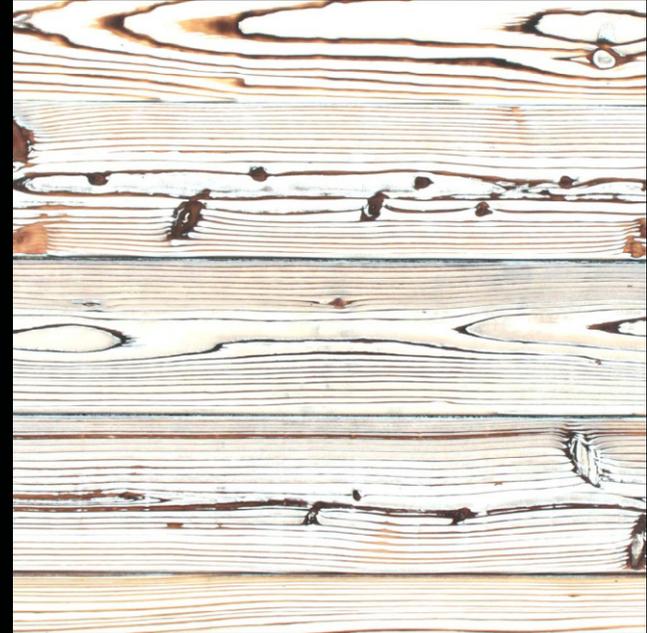
Size: 10mm x 135mm x 1970mm

10mm x 135mm x 2940mm

10mm x 135mm x 3940mm

## FINISH

Charred and special brushed



# YUKI

雪

HAIYUKI 灰雪

## EXTERIOR

Coating: 2X polyurethane

Size: 18mm x165mm x 1970mm

18mm x165mm x 2940mm

18mm x165mm x 3940mm

## INTERIOR

Coating: 2X polyurethane

Size: 10mm x 135mm x 1970mm

10mm x 135mm x 2940mm

10mm x 135mm x 3940mm

## FINISH

Charred special brushed





# PRODUCT SPECIFICATIONS

## WOOD SPECIES

Common Name(s): Sugi, Japanese Cedar

Scientific Name: Cryptomeria japonica

## GRADE

Allows for up to 20 tight or 10 dead knots per 2M board length with an unlimited combination of heartwood and sapwood, pith allowance.

Checks are allowed to 1/16 as long as plank stability, weather resistance and cosmetics are not adversely affected.

Not allowed Rot, Crack, Worm, Bug Holes, Wane, Hit & Miss and Blue stain Our products have repaired hole-knots, dead-knots crack-live knots by hotmelt, but there may be slight dents and cracks. Twist, round and bent that do not interfere with the fixing of the profile board is allowed.

## MOISTURE

Finish products KD 14% (+/-4%)

## SAI & YUKI Series

The colors shown in the table are for regular products. If you have the desired color, please consult your nearest distributor. The oil Brand name "RESONA C" is a naturally derived colored paint made from linseed oil.

## SIZE

Thickness width will be changed according to profile. Custom colour and size available is on demand.

## FIRE RETARDENCY

On demand

## Product Series

Product Series				Exterior = Soto 外		Interior = Uchi 内	
Series	Product		Finish	Coating		SIZE	SIZE
炭 Sumi	炭	Sumi	Charred	Polyurethane 3times		18 x 165 x 1970/2940/3940mm	10 x 135 x 1970/2940/3940mm
磨 Migaki	磨	Migaki	Charred & Brushed	Polyurethane 2times			
彩 Sai	透明	Toumei	Charred & Hard Brushed	Oil	Clear		
	漆黒	Shikkoku			Jet Black		
	琥珀	Kohaku			Amber		
	代赭	Taisha			Yellowish Brown		
	藍	Ai		Polyurethane 3times	Indigo Blue		
	コンクリート	Concrete		Special Pu	Concrete		
雪 Yuki	黒雪	Kuroyuki	Charred & Special Brushed	Polyurethane 2times	Black snow		
	白雪	Shiroyuki			White snow		
	灰雪	Haiyuki			Grey snow		

# PRODUCT SPECIFICATIONS

## Profile list

m/m

Profile No.	Profile	USE	Thick ness	Width	Profile No.	Profile	USE	Thick ness	Width
1		Interior	10	135~165	6		Interior	10	145~175
		Interior	12	135~165				12	145~175
		Exterior	15	135~165			Exterior	15	145~175
		Exterior	18	165				18	175
							30	200	
2		Interior	10	135~165	7		Interior	12	135~165
		Interior	12	135~165				12	135~165
		Exterior	15	135~165			Exterior	15	135~165
		Exterior	18	165				18	165
3		Interior	10	135~165	8		Exterior	18	165
		Interior	12	135~165					
		Exterior	15	135~165					
		Exterior	18	165					
4		Interior	10	135~165	9		Exterior	18	165
			12	135~165					
5		Interior	12	135~165	10		Exterior	18	165
		Exterior	15	135~165					
		Exterior	18	165					

# EXTERIOR INSTALLATION

## STORAGE PRECAUTIONS

Wooden products are soft and easy to break, handle with caution when storing or moving the planks. Do not store the wood planks in uncontrolled environmental conditions: water, humidity or direct sunlight. For storage, place a crosspiece at the same length in a horizontal position and store it horizontally.

## CONSTRUCTION INSPECTION

Do not leave the wood on its side for a long time after unpacking. Cracking and twisting may occur depending on the environment of the construction site. Wooden products are soft and easy to break, handle with caution when storing or moving the planks.

## COLOR VARIATION

Due to the nature of the wood, the color and grain vary from each piece. Ultraviolet rays from sunlight can produce a sunburn or discoloration. The color might appear different between the exposed and non-exposed parts.

## SET-UP

Make a temporary line before you begin to install. Because wood is a live material, the colour and variations are unique. Check the pattern and colour balance of the wood. It is highly recommended to protect the surface with a clear protective finish in advance. Dead knots, black knots, crack knots, and chips are treated with putty but minor cracks and dents may appear.

## PAINTED PRODUCTS

Check the quality to see if there are uneven paint or scratches. If you notice a defect, please contact us.

## STORAGE BEFORE USE

Keep away from direct sunlight, humidity, rain and moisture.

## LONGEVITY & MAINTENCE

The exterior cladding will change over time with the weather. The conditions that may affect it are direct sunlight (ultraviolet rays), rainwater (acid rain), wind, and a cold and warm environment. Maintaining the product by repainting it regularly can delay the weathering process and preserve the natural look.

It is recommended that you apply a clear permeable protective coating to keep the colour consistent over time. This coating must not interfere with the natural breathing of the wood. Follow all instructions on the product and wear protective gloves.

When applying use a waterproof sheet layer as a base and use a drainer. If it is not used, there is a risk that the wood or charcoal could adhere to the foundation and stain it.

Use flat head screw nails that are more than three times the plank thickness. Do not use ordinary nails. Put in the nail at a 45-degree angle when installing. Profile No.4,5 and hide nail head. When hitting a nail on the surface, especially for SUMI, the charcoal on the surface tends to peel off, so do not screw the head of the nail strongly.



# INTERIOR INSTALLATION

## STORAGE PRECAUTIONS

Wooden products are soft and easy to break, handle with caution when storing or moving the planks. Do not store the wood planks in uncontrolled environmental conditions: water, humidity or direct sunlight. For storage, place a crosspiece at the same length in a horizontal position and store it horizontally.

## CONSTRUCTION INSPECTION

Do not leave the wood on its side for a long time after unpacking. Cracking and twisting may occur depending on the environment of the construction site. Wooden products are soft and easy to break, handle with caution when storing or moving the planks.

## SET-UP

Make a temporary line before you begin to install. Because wood is a live material, the colour and variations are unique. Check the pattern and color balance, It is recommended to protect the surface with a clear protective finish in advance. Dead knots, black knots, crack knots, and chips are treated with putty but minor cracks and dents may appear.

## PAINTED PRODUCTS

Check the quality to see if there are uneven paint or scratches. If you notice a defect, please contact us.

## STORAGE BEFORE USE

Keep away from direct sunlight, humidity, rain and moisture.

## COLOR VARIATION

Due to the nature of the wood, the color and grain vary from each piece. Ultraviolet rays from sunlight can produce a sunburn or discoloration. The color might appear different between the exposed and non-exposed parts.

## Curing

Do not attach the curing tape directly to the wall, as it may damage the surface. SUMI products, the charcoal on the surface is brittle and peels off due to shock or friction. Be careful. Cover the entire wall with a curing sheet. If some of them are exposed,



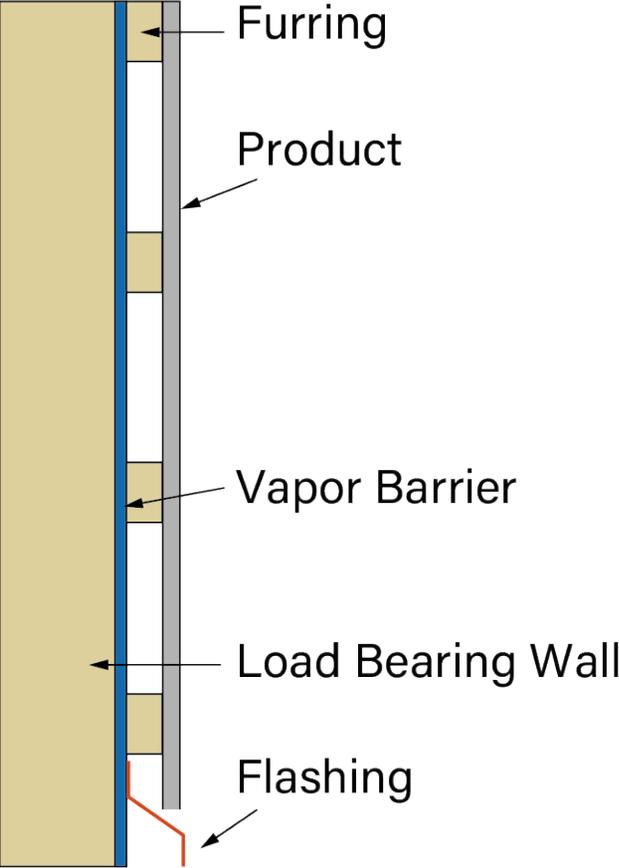
# INSTALLATION

1. Use a stud and furry that are not bent and a dry stud for wall substrate material and finished at intervals of 303 to 455mm. Use screw nails that are more than twice the thickness of the product.
2. Mark the position of the stud or furry on the base plywood or plasterboard.
3. Changes in humidity may cause expansion and contraction of the wood. When construction is applied to a place where warping is likely to occur, apply adhesive to the backside.
4. Use a flat head screw nail that is more than twice the thickness of the board or nails for Yakisugi. Do not use regular nails. In principle, screw nails in two places of width. Screw nails with a 45 degrees angle from the ground when using a Profile No.4, 5 and hide the nail head.
5. Make a clearance of about 5 mm on both ends of the panelling in the width direction.
6. When finishing the upper part of the wainscot with plaster, it is easy to cause warps and expansion due to moisture. Be careful.
7. If you apply a polyurethane coat on an unpainted product, do it before construction. It is recommended to coat both sides to prevent warping and bending.

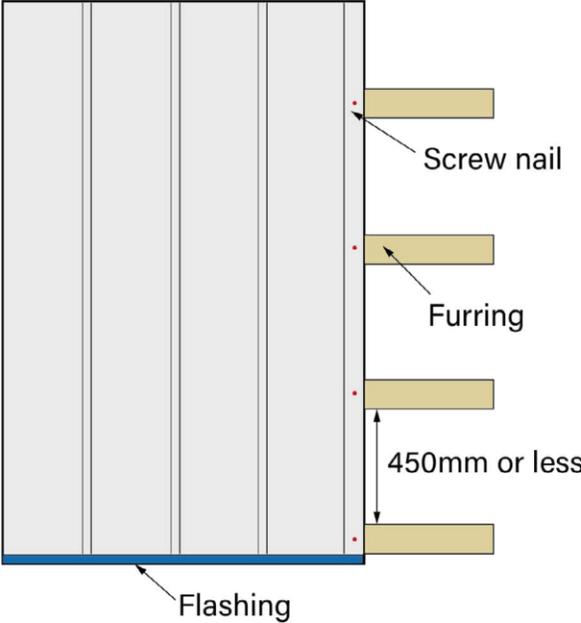


# INSTALLATION VERTICAL

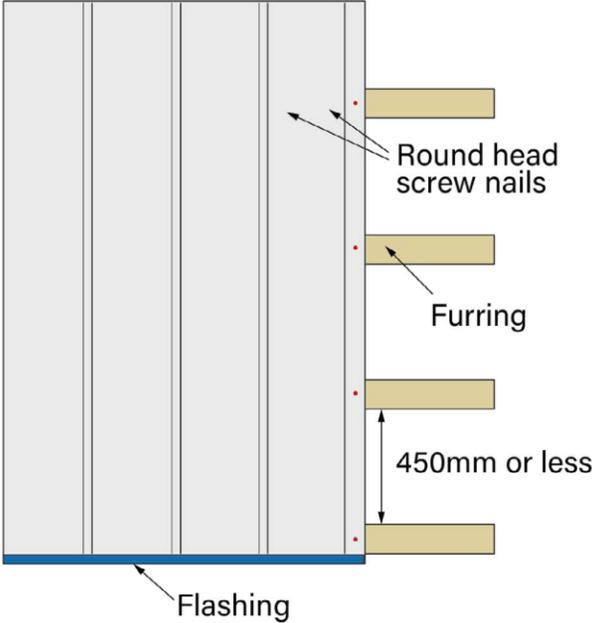
Vertical



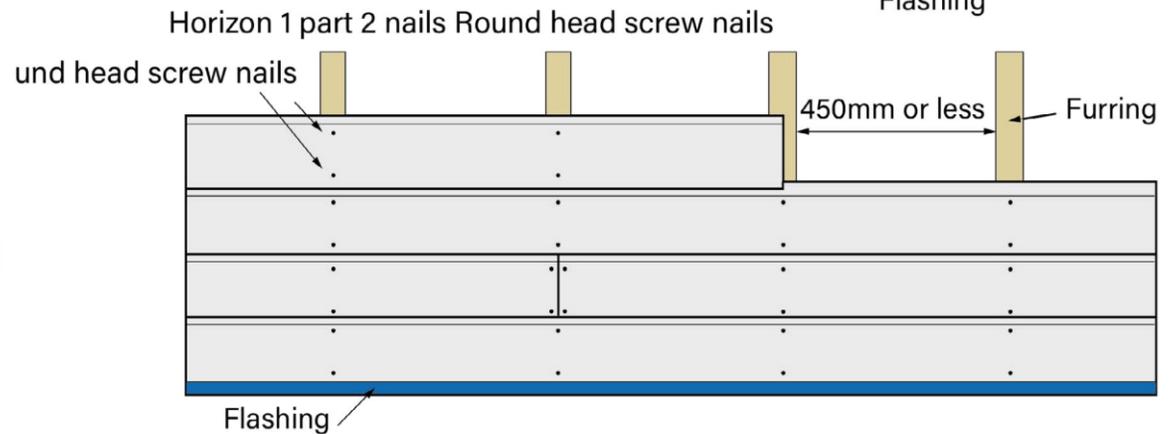
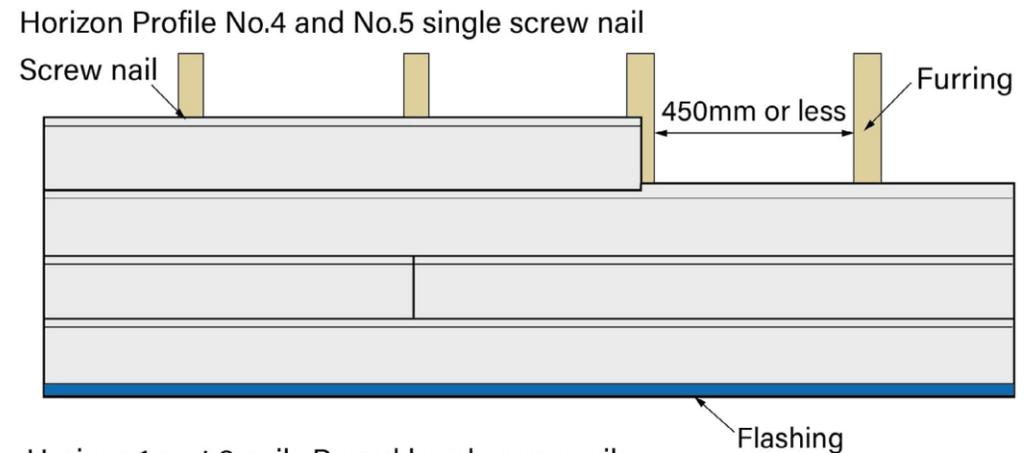
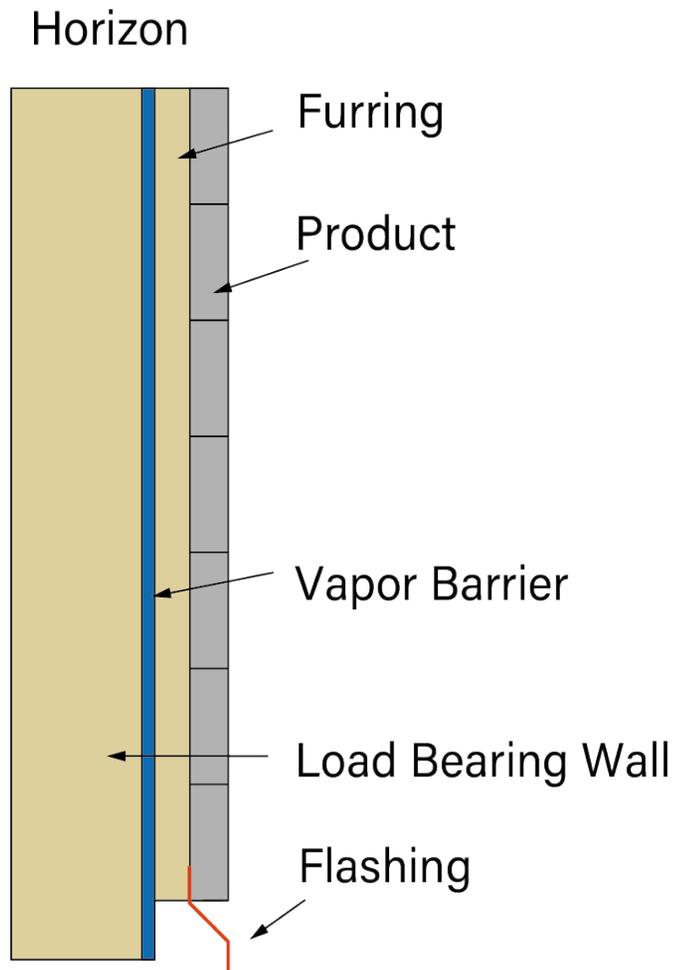
Vertical Profile No.4 and 5  
Singles screw nail



Vertical 1 part 2 nails  
Round head screw nails



# INSTALLATION HORIZTONTAL





# CONTACT

**We cater to interior designers & architects. When requesting information state if you are part of the trade.**

## **HEAD OFFICE** 本社

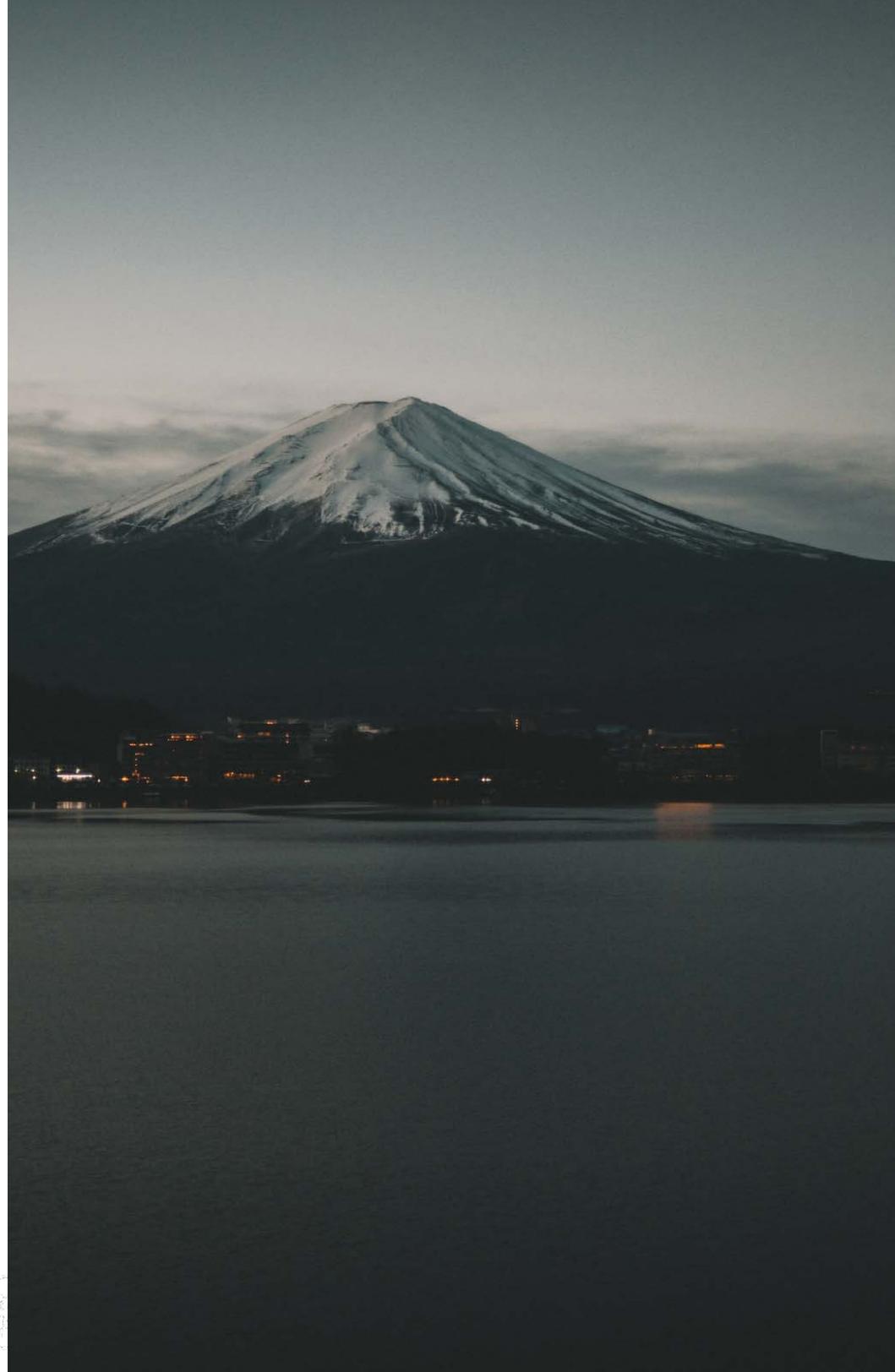
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## **DISTRIBUTION** 流通

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[info@japan-yakisugi.com](mailto:info@japan-yakisugi.com)**





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