



Deep Charred Yakisugi

SUMI represents the purest and most traditional form of Yakisugi, characterized by a dark, jet-black finish created through deep carbonization of Japanese cedar wood at over 1700°C. This ancient technique enhances the wood's resistance to rot, insects, and fire while bringing out the subtle texture and grain. The SUMI finish preserves durability and longevity. Delivered ready to install.

Copy and Paste into Appropriate CSI Division: SECTION 06 26 00 or 07 46 00 — CHARRED WOOD SIDING

Specifications

Coating	3X Polyurethane
Finish	Charred — deep carbonization all four sides at 1700°C+
Moisture Content	Kiln-dried KD 12% (+/-2%)
Species	Cryptomeria Japonica — native to Japan, known as "Sugi"
Origin	100% Made in Japan
Decay Resistance	+72% vs. untreated spruce/pine (VTT Finland Research)
Moisture Absorption	92% reduction vs. untreated wood (Kyoto University)
Expected Lifespan	80-100+ years with proper installation

Dimensions

<p>Interior — Uchi (内)</p> <p>Paneling, feature walls, millwork</p> <p>10mm × 135mm × 1970mm 10mm × 135mm × 2940mm 10mm × 135mm × 3940mm</p>	<p>Exterior — Soto (外)</p> <p>Facades, cladding, siding</p> <p>18mm × 165mm × 1970mm 18mm × 165mm × 2940mm 18mm × 165mm × 3940mm</p>
---	---

Considerations

- Each board is unique — variations in pattern and depth are natural and expected
- Handle with care during installation. Wear gloves and protect adjacent surfaces
- Suitable for both interior and exterior applications
- Fire resistance enhanced — longer ignition delay and reduced flame spread
- Natural silver-gray patina develops over time when exposed to UV
- Minimal maintenance — no painting, staining, or chemical treatment needed



SUMI — Deep Charred Finish

Certifications

Fire Resistance
ASTM E-84 Class B

Sustainability
Goho Wood Certificate

Installation Details

Substrate — Interior
Stud wall, fire-rated drywall or plywood. T&G to studs or furring strips.

Substrate — Exterior
Rigid furring max 16" (400mm) o.c. Rain screen min 19mm gap.

Fastening — Interior
23ga pin nailer. Nail length = thickness × 3.

Fastening — Exterior
SS face nails/screws, 2 per strip. Pre-drill.

Layout
Vertical or horizontal. Stagger joints min 24".

Overage
Add 15-25%. Coat all cuts with touch-up.



Profile List — mm/(inch)

Profile list				mm/(inch)					
Profile No.	Profile	USE	Thickness	Width	Profile No.	Profile	USE	Thickness	Width
1		Interior	10mm (3/8")	135mm(5-5/16")~ 165mm(6-1/2")	6		Interior	10mm (3/8")	145mm(5-11/16")~ 175mm(6-7/8")
		Interior	12mm (1/2")				Interior	12mm (1/2")	
		Exterior	15mm(9/15")	Exterior			15mm(9/15")		
		Exterior	18mm (11/16")	Exterior			18mm (11/16")		
2		Interior	10mm (3/8")	135mm(5-5/16")~ 165mm(6-1/2")	7		Interior	12mm (1/2")	135(5-5/16")~ 165(6-1/2")
		Interior	12mm (1/2")				Exterior	15mm(9/15")	
		Exterior	15mm(9/15")	Exterior			15mm(9/15")		
		Exterior	18mm (11/16")	Exterior			18mm (11/16")		
3		Interior	10mm (3/8")	135mm(5-5/16")~ 165mm(6-1/2")	8		Exterior	18mm (11/16")	165mm(6-1/2")
		Interior	12mm (1/2")						
		Exterior	15mm(9/15")						
		Exterior	18mm (11/16")						
4		Interior	10mm (3/8")	135mm(5-5/16")~ 165mm(6-1/2")	9		Exterior	18mm (11/16")	165mm(6-1/2")
		Interior	12mm (1/2")						
5		Interior	12mm (1/2")	135mm(5-5/16")~ 165mm(6-1/2")	10		Exterior	18mm (11/16")	165mm(6-1/2")
		Exterior	15mm(9/15")						
		Exterior	18mm (11/16")						

* Length 1970mm(6-15/37) / 2940mm(9-41/64) / 3940mm(12-59/64) WIDTH is Working size)

Manufacturer

Japan Yakisugi — Headquarters

2-11 Nishi-Godo
Gifu City, Gifu Prefecture
Japan 5010106
Since 1946

North American Office

8020 NE 4th Ave, Unit 115
Miami, FL 33138
USA

Contact

Email: info@japan-yakisugi.com
Web: japan-yakisugi.com
Instagram: @japan_yakisugi