



Brushed & Coated Yakisugi

MIGAKI represents refined elegance with lasting protection. After the deep carbonization process, each board is carefully brushed to reveal the natural grain texture, then sealed with a protective polyurethane coating. This technique preserves the distinctive charred appearance while providing enhanced durability and a smooth, refined finish suitable for both interior and exterior applications. Delivered ready to install.

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

Specifications

Coating	2X Polyurethane
Finish	Charred & brushed — 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

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



MIGAKI — Brushed & Coated Finish

Certifications

Fire Resistance ASTM E-84 Class B	Sustainability Goho Wood Certificate
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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		135mm(5-5/16")~ 165mm(6-1/2")			Interior	10mm (3/8")	145mm(5-11/16")~ 175mm(6-7/8")
		Interior	12mm (1/2")				12mm (1/2")		
		Exterior	15mm(9/15")	15mm(9/15")					
		Exterior	18mm (11/16")	165mm(6-1/2")			Exterior	18mm (11/16")	175mm(6-7/8")
							Exterior	30mm(1-3/16")	200mm(7-7/8")
2		Interior	10mm (3/8")	135mm(5-5/16")~ 165mm(6-1/2")			Interior	12mm (1/2")	135(5-5/16")~ 165(6-1/2")
		Interior	12mm (1/2")				15mm(9/15")		
		Exterior	15mm(9/15")	15mm(9/15")					
		Exterior	18mm (11/16")	165mm(6-1/2")			Exterior	18mm (11/16")	165mm(6-1/2")
3		Interior	10mm (3/8")	135mm(5-5/16")~ 165mm(6-1/2")			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")			Exterior	18mm (11/16")	165mm(6-1/2")
			12mm (1/2")						
5		Interior	12mm (1/2")	135mm(5-5/16")~ 165mm(6-1/2")			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

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