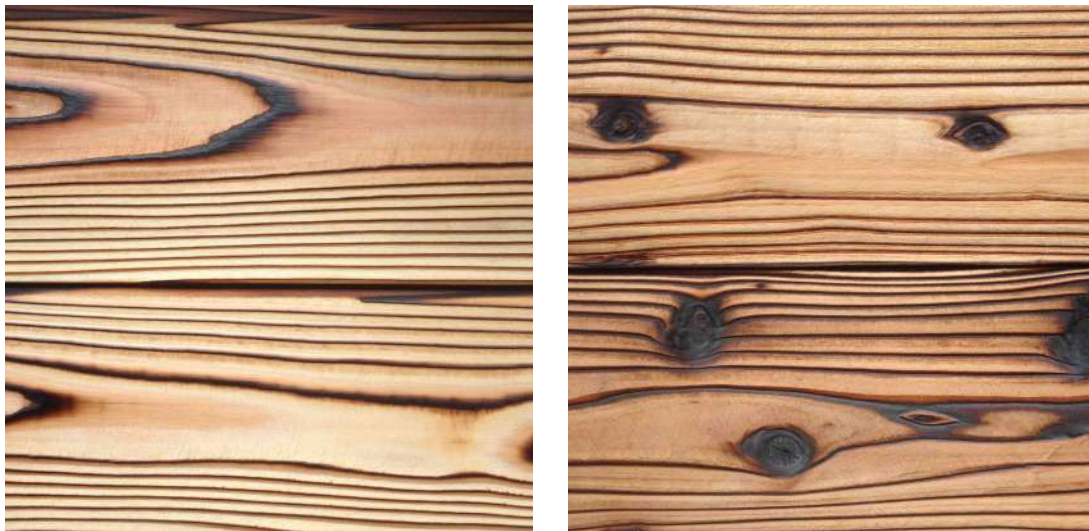


# NAKAMOTO FORESTRY

## Pika-Pika – “Twinkle-Twinkle”

Wire-brushed textured surface with striped pattern  
Suitable for interior and exterior applications



### **Species**

*Cryptomeria japonica*, a native Japanese Cypress species known for rot resistance and dimensional stability. Cryptomeria is the “sugi” in yakisugi and “shou-sugi-ban”, also called Japanese Cypress or Japanese Cedar in the West.

### **Fire Resistance**

Exterior and interior flame retardant treatment available to comply with ASTM E84 Flame Spread and Smoke Development indices and class ratings.

### **Hardness**

320 – 510

### **Heartwood**

Graded for even mix of heartwood and sapwood, pith allowed.

### **Grain**

Outside of log faces outside of plank profile to ensure weather resistance, always with flat grain center and angled grain to edges. Planks are graded for consistent grain density and pattern, with irregular grain patterns or boards being deselected.

### **Dimensional Stability**

Culling of warped, crowned, crooked, or cupped boards is carried out during resaw, air drying, sun drying, moulding, charring, packing, and finishing operations. Since growth rings are always aligned towards the outside of the plank profile, minor cupping (concave approximately 1/16”) is common and acceptable. Cupping is not noticeable after installation, and samples will cup more than shipped product.

### **Color**

Softer spring early wood has char completely removed and is yellow-white (sapwood) to pink-orange (heartwood). Charred ridges and subtle crevasse shadows remain on the harder late wood growth rings. Knots appear polished black. Stainable to a broad palette with stunning effect.

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## Knots

Select grade allows for unlimited knots, with knot holes up to 1.5" filled with a proprietary UV-stabilized hot melt resin. Premium select clears are knot-free, with minor grain blemishes allowed.

## Texture

Deep topography, with soft early wood valleys and hard late wood ridges.

## Checks

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

## Moisture Content

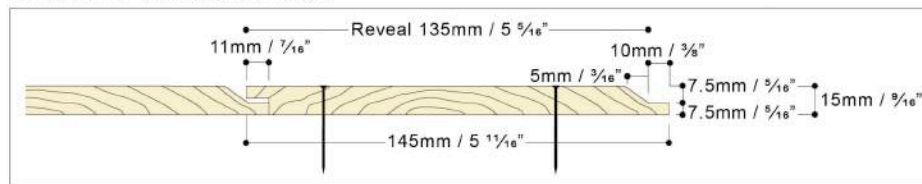
Air and sun dried, then flash kiln dried to 11~14% MC. MC may fluctuate according to conditions during transport or warehousing.

## Dimensions

Nominal 1x6 lapped siding profile is standard. See profile diagram below

### STANDARD LAPPED YAKISUGI CROSS-SECTION

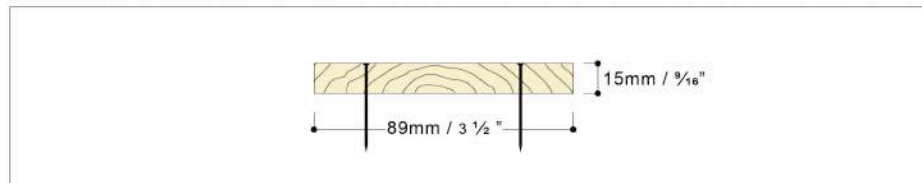
- 150mm (6 inches) nominal width
- 3700mm (145 1/8 inches) actual lengths



※ Dimensional shrinkage after manufacture is possible due to being a solid-sawn wood product.

### STANDARD YAKISUGI TRIM CROSS-SECTION

- 89mm (3 1/2 inches) actual width
- 3700mm (145 1/8 inches) actual lengths



※ Dimensional shrinkage after manufacture is possible due to being a solid-sawn wood product.

## Finish

There are several finish options and many colors available. We use only breathable non-film-forming finishes derived from vegetable oil bases. Periodic reapplication will improve wood and color longevity same as any wood product.

- Penetrating transparent and semi-transparent oil finishes will bond loose soot into the surface and show depth of grain. Soot will not wipe off when touched and surface is solid. Semi-transparent finishes offer a larger pigment selection than transparent. Color will weather gradually.

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- Hybrid finishes are a combination of light and drying oils, have a polymerized oil (alkyd urethane) component, and sometimes a wax component in the formulation. The light oil will penetrate and show depth of grain while the reactive heavy oil will remain on the surface to protect from UV and show more pigment. Pigment load is high as an effective UV inhibitor and silicone doping sheds water while allowing the wood to breathe. The color will stay consistent until the surface residue erodes off over time, then the color will begin to weather gradually.
- We do not recommend installing Pika-Pika without a finish since the wire brushing removes all surface soot and therefore UV protection.

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