



Pika-Pika



SPECIFICATIONS

Pika-Pika: "Twinkle-Twinkle"

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

Species

Cryptomeria japonica, an endemic Japanese Cypress species (commonly also known as „Japanese cedar“) is extremely fragrant, weather and insect resistant, soft, with a low density, and high dimensional stability. It is the national tree of Japan, it is called „Sugi“ in Japanese and stands for the “sugi” in Yakisugi and “Shou Sugi Ban”.

Fire Resistance

Yakisugi naturally due to its charred layer shows higher resistance to fire compared to untreated timber. Additionally, exterior and interior fire retardant treatment is available for code compliance. Currently surface treatment with B1 class performance (according to EN 13501-1) in testing phase.

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 deselected.

Dimensional Stability

Culling of warped, crowned, crooked, or cupped boards is carried out during milling, 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 is common and acceptable. Cupping is not noticeable after installation, and samples will cup more than shipped product.

Color

Softer spring early wood growth rings have the soot layer completely removed and color 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.

Knots

Premium select clear grade allows for up to 4 knots (max 10 mm tight or 5 mm loose) for planks over 2,000 mm length, but in practice knots are rare with the premium grade. Select grade allows for unlimited knots, including some loose knots due to species characteristics (cypress does not produce high yield of tight-knot grade like red cedar due to high tannin content and unavailability of old growth logs in volume).

Texture

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

Checks

Checks allowed to ca. 2 mm as long as plank stability, weather-resistance, and cosmetics are not adversely affected.

Moisture Content

Air and sundried, then flash kiln dried to 11~14% moisture content (MC). MC may fluctuate according to conditions during transport or warehousing.

Finish

Pika-Pika does not technically need to be finished with an oil stain for good wood longevity since it is heat-treated, but the wood will blemish from sooty fingerprints during install if it is not prefinished. Prefinish and periodic oil reapplication will slow down color weathering over time. There are three oil prefinish formulation options and many colors available. We use breathable, low VOC, non-film-forming finishes derived from vegetable oil bases, and all formulations have a high transparent oxide pigment load. We only use the best oil stain formulations available on the market in terms of beauty and color longevity.

- Penetrating transparent and semi-transparent oil finishes will bond loose soot into the surface and show depth of grain. Soot will not come off when touched and surface is solid. Semi-transparent finishes offer a larger pigment selection than transparent. Color will patina gradually.
- Hybrid finishes are a combination of light and drying oils and can have a water-based acrylate / PU dispersion. The light oil will penetrate and show depth of grain while the reactive drying 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 patina gradually.
- We do not recommend installing Pika-Pika without a prefinish since the wood will blemish from sooty fingerprints.



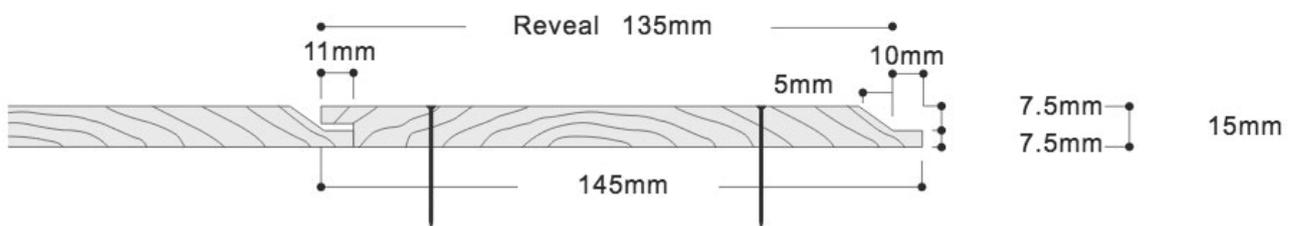
Pika-Pika



DIMENSIONS

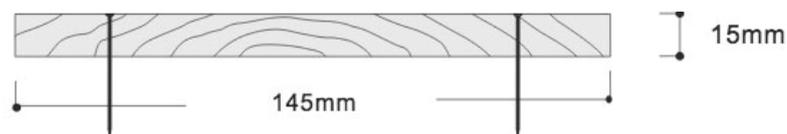
STANDARD PIKA-PIKA SHIPLAP DIMENSIONS

145 mm actual width, max. 3970 mm actual lengths



STANDARD PIKA-PIKA SQUARE EDGE DIMENSIONS

145 mm actual width (on request also available in 89 mm actual width), max. 3970 mm actual lengths



STANDARD PIKA-PIKA SQUARE EDGE DIMENSIONS

195 mm actual width, max. 3970 mm actual lengths

