# Characteristics of Yakisugi

**Nakamoto Forestry** 

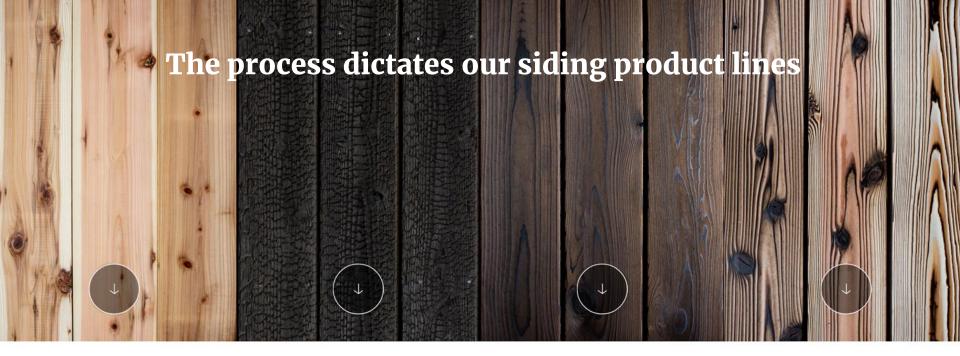
















## SUGI IS JAPANESE CYPRESS

Cryptomeria Japonica is Sugi in Japanese and is a monotypic genus in the Cypress family indigenous to Japan. It is often called Japanese Cedar and is utilized primarily for construction lumber due to high rigidity and quick drying. We specialize in the Hachiko variety used specifically for siding in Western Japan. Our Sugi is milled and graded for maximum durability in exterior applications and to showcase the inherently beautiful grain.



SUYAKI

#### SUYAKI STAGE 1: BURNED

Suyaki is the most traditional and easily recognizable of our yakisugi "shou sugi ban" products. Due to the thick, hydrophobic, UV-inhibiting soot layer, Suyaki has the best wood and color longevity as well as incredible fire resistance. We apply oil prefinishes to solidify the soot layer, making installation easier, minimizing blemishes, and preventing soot from coming off when touched.



#### GENDAI

#### GENDAI STAGE 2: BRUSHED ONCE

**Gendai** is the most commonly specified *yakisugi* "shou *sugi ban*" surface for exterior applications.

A light brushing process knocks down the heavy soot layer and leaves a smooth, silky appearance. The burnt fiber crevasses make subtle shadows. *Gendai* can either be installed with or without an oil pre-finish.



PIKA PIKA

### PIKA PIKA STAGE 3: BRUSHED TWICE

**Pika-Pika** is made by passing the *yakisugi "shou sugi ban"* planks through a second wire brushing process that removes all loose soot from the softer spring growth rings and leaves the last wood as contrasting burnt ridges. It is a topographic textured surface that follows the wood grain, and we handgrade after surfacing to achieve a consistent blend of heartwood and sapwood.



































## Wood is the sustainable choice

3000000

Years ago that atmospheric carbon was at the current level

95

Percent likelihood that global warming since 1950 is primarily caused by human activity

170

Metric tons of carbon capture per hectacre of Cryptomeria japonica at current 80-year average harvest age 2

Kilograms of carbon captured per kilogram of lumber produced

1

Solid wood siding ranking against other standard cladding materials for sustainability in terms of Life Cycle Assessment and carbon capture

15

Times the insulation value wood cladding has over cement board

0

Amount of maintenance required over our siding's lifespan

100

Years lifespan our products will average if no maintenance is done









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