

## Sugi - Japanese Cedar: Specification Sheet



<b><u>Scientific Name:</u></b>	Cryptomeria Japonica
<b><u>Distribution:</u></b>	Various cultivars throughout Japan
<b><u>Average Dried Weight:</u></b>	368 kg/m <sup>3</sup>
<b><u>Specific Gravity (Basic, 12% MC):</u></b>	0.33 – 0.36
<b><u>Janka Hardness:</u></b>	1,423 N
<b><u>Modulus of Rupture:</u></b>	36.4 MPa
<b><u>Elastic Modulus:</u></b>	7,646 MPa
<b><u>Crushing Strength:</u></b>	33.3 MPa
<b><u>Shrinkage (From green MC to oven dry MC):</u></b>	Radial: 2.4% Tangential: 5%

**Wood Color:**

Reddish-brown heartwood and straw-colored sapwood with strong contrast between the two.

**Grain / Texture:**

Straight, contrasting grain. Medium, even texture. Moderate natural luster.

**Rot Resistance / Durability:**

Naturally resistant to rot, decay, and insects. Very durable.

**Aroma:**

Distinct, cedar-like aroma.

**Applications:**

Siding, paneling, furniture, boatbuilding, framing.

**Sustainability:**

Grown in forests that have been sustainably managed for generations.

Mokuzai (North21 Ltd)

Email: [grahams@north21.co.nz](mailto:grahams@north21.co.nz) - Phone / WhatsApp: +81 80 574 46446

[www.mokuzaimarket.com](http://www.mokuzaimarket.com)