

Shou Sugi Ban Fir, Deep Char



Pioneer millworks
RECLAIMED & SUSTAINABLE WOOD PRODUCTS



Traditionally Inspired, American Made™—an 18th-century technique for preserving wood with fire is updated to meet 21st-century design and performance standards. By aggressively burning the surface layer of our FSC® Certified Douglas fir planks we create the signature “alligator skin” texture and black, iridescent look Shou Sugi Ban is known for.

Fir Deep Char combines durability and sustainability. Traditionally maintenance-free, the charred layer is expected to change over time when exposed to the elements. We finish our Deep Char with an ebony tinted poly sealer to protect and prolong its distinctive look. With or without maintenance, Fir Deep Char provides unprecedented longevity to be enjoyed for decades to come.

Pioneer Millworks

Shou Sugi Ban Fir, Deep Char

12/2020

CUT AND PASTE SPECIFICATION INTO APPROPRIATE CSI DIVISION

06 42 00—Wood Paneling
07 46 23—Wood Siding

MANUFACTURER

Pioneer Millworks
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Phone: 800-951-9663

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MATERIALS

1. **Product Name:** Shou Sugi Ban Fir, Deep Char
2. **Species/Description:** Douglas fir/Deeply burned with charred layer left fully intact and protected with non-toxic, water-based polyurethane.
3. **Source:** Sustainably Harvested Forests.
4. **Color:** Carbonized, deep black tones.
5. **Grade:** D Select Vertical Grain.
6. **Dimensions:**
 - Solid**
 - TH—3/4"
 - WD—5" face
 - LG—8' to 16' random, called lengths available.
7. **Milling:** Shiplap (no reveal)—other profiles available upon request.
8. **Finish:** Burned and coated with non-toxic, water-based polyurethane (Deep Char) as specified. Back burned to promote stability.
9. **Hardness:** 620
(Janka Ball Test ASTM D1037-96A, natural wood products have no minimum hardness since hardness is a characteristic of species and cannot be controlled. Charred layer is softer than wood substrate).
10. **FSC Claim:** FSC Mix 100%.

ADDITIONAL INFORMATION

Heartwood: No restriction.

Grain: Vertical.

Knots: No limitations on sound knots, surface defects from chipped or open knots may be present.

Texture: Surface will have a deeply charred, "crackled" texture.

Voids: Occasional blown out knots up to 1" diameter may be present.

Checks: Checks allowed so long as material integrity is not adversely affected.

Moisture Content: Kiln dried 12–15% prior to milling.

LEED INFORMATION

MRC3: N/A

MRC4: N/A

MRC5: Regional Materials (call for details).

MRC7: Certified Wood

RECOMMENDED COVERAGE

Recommend 10-15% additional material for on-site grading, trimming and installation factors.



Information is deemed reliable but subject to change.
All photos for representation only. Additional information available at our website or call our wood design experts.