

# Northwestern Spruce Box Beams

Hewn's box beams are made from real wood, sustainably sourced from North American forests. They are carefully crafted to give the appearance of solid timber, at a fraction of the weight.

One piece Northwestern Spruce box beam lengths are available from 4' to 15'6". For lengths longer than 15'6", you can choose one of our joint options. All of our box beams are completely customizable to the specifications of your project, including color, texture, size, length, and number of sides.



## Technical Specifications

**Species:** Engelmann Spruce

**Grade:** #2 Grade

**Moisture Content:** Kiln Dried - Average 10-12%

**Janka Hardness:** 480

**Class Rating:** B (ASTM E 84)

**Flame Spread Index:** 40 (ASTM E 84)

**V.O.C. Content:** 15.59 g/L\*

**Smoke Developed Index:** 140 (ASTM E 84)

**Lengths:** Single Board - 4' to 15'6"  
With Joint - 15'6" to ∞

**Material Thickness:** 1 1/16"

**Max Width & Height:** Single Board - 10 1/2"  
With Glue Seam - 21"

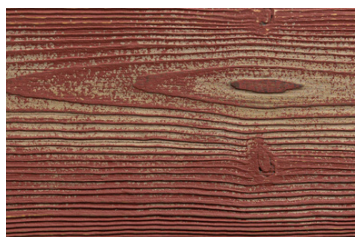
# Northwestern Spruce Box Beams

## Colors

Hewn offers a variety of color options for our Northwestern Spruce Box Beam products. In addition to our base colors, Hewn's color technicians can color-match any of our products to an existing sample, or any material inspiration.

### The Heritage Collection

Hewn's Heritage Collection is designed to replicate the look and texture of traditional American barnwood, featuring colors and finishes that are appropriate for both rustic and modern applications.



Barn Red



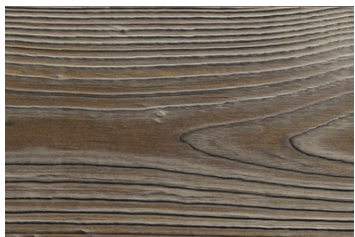
Chicken Coop



Corral



Driftwood



Farm Fleet



Hampton White



Linen White



Mosswood



Natural



Noir



Rustic Natural



Rustic Reclaimed



Saddle



Trillium White



Weathered Grey



White Wash

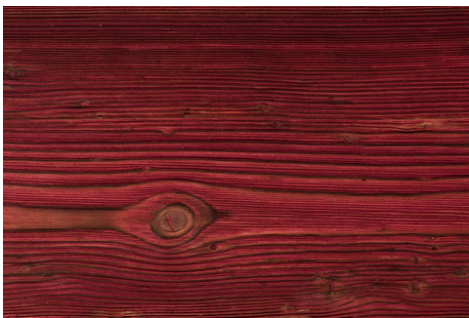
# Northwestern Spruce Box Beams

## Colors

(continued)

### The Ohana Collection

The Ohana Collection is inspired by the sights and color palettes of Hawaii. These colors are designed to be complementary to each other, and are ideal for use as an accent element, or as your primary color choice.



Ākala



Alani



Kāleka



Melemele



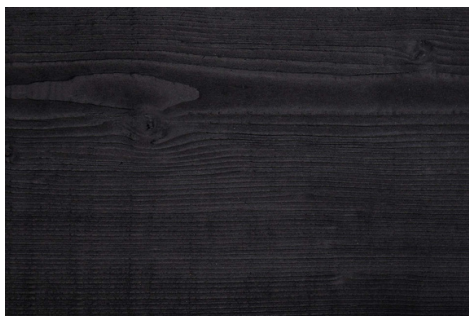
Polūkai



Uahi

### Shou Sugi Ban Collection

Inspired by the traditional Japanese technique of charring the surface of wood to create a unique blackened appearance that is both aesthetically striking and functional.



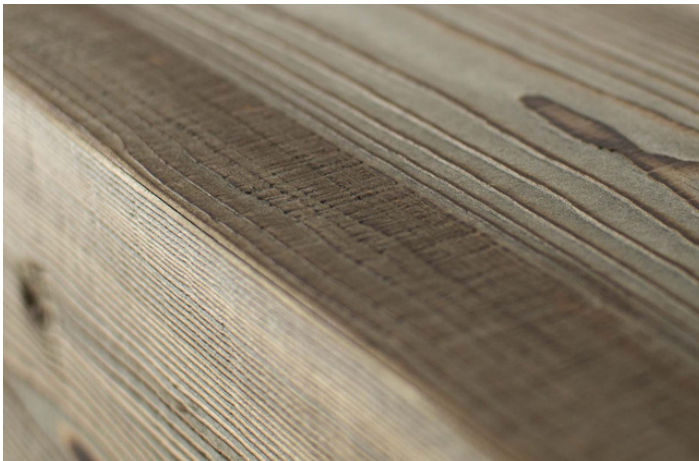
Dāku Ban



Dark Roast

# Northwestern Spruce Box Beams

## Textures



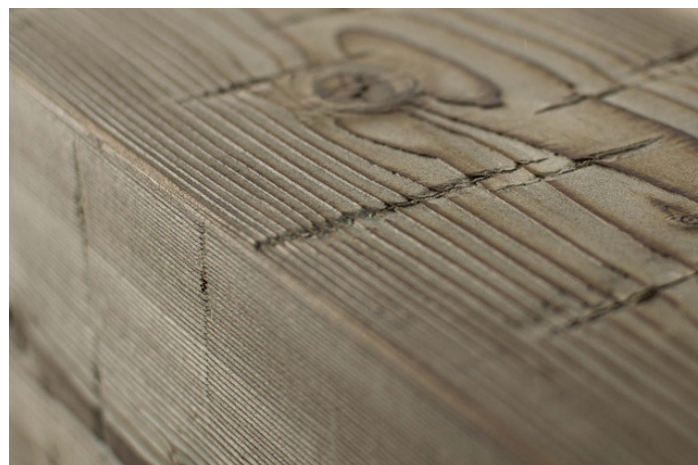
### Standard

Wire-brushed texture with a consistent thickness and a flat surface.



### Distressed

Similar face to our Standard texture, but with the addition of nail holes and cracks.



### Hand Hewn

Crafted to mimic the shaping of wood with traditional hand tools.

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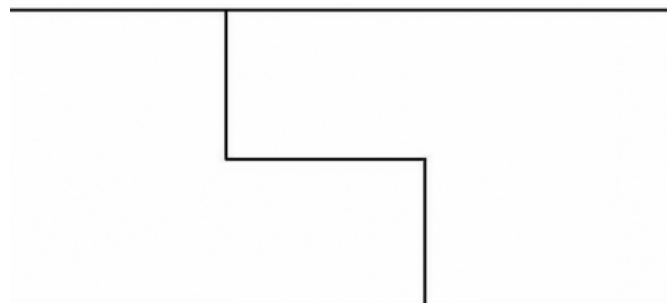
## Straps & Joint Options

For Northwestern Spruce Beam lengths longer than 15'6", you can choose one of our joint options shown below. We also offer solid metal beam straps, in both a smooth and hammered texture, to accompany your chosen joint option. All straps are made-to-order to your specific dimensions, and are individually shaped for every beam.

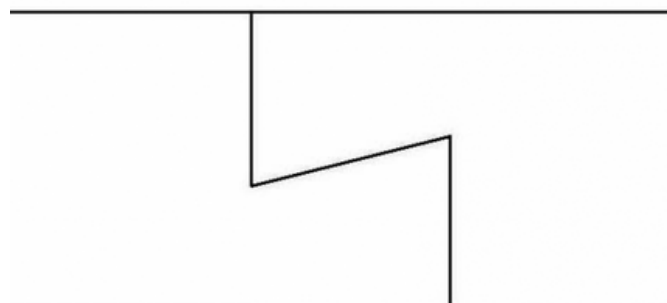
**Beam joints are not grain-matched. They are not designed to be invisible to the eye.**



Lap Joint



Lock Joint

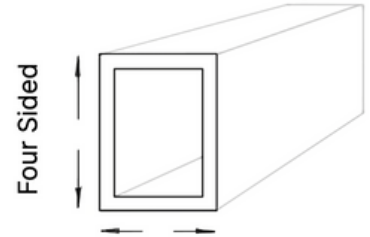
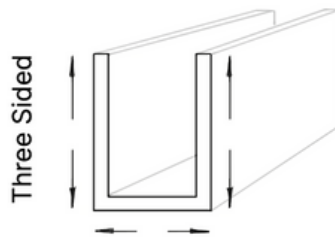
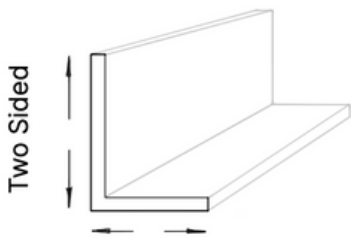


Butt Joint

# Northwestern Spruce Box Beams

## Configurations

Custom assemblies available upon request



## End Caps

Our optional end caps are offered in two variants: Standard Grain and End Grain. Our Standard Grain features the same texture and finish found on the face of our beams. Our End Grain features a real wood cross-section, with visible tree rings.

**Standard Grain**



**End Grain**

