



# Søuld Wooden Joints

Eelgrass Acoustic Wall Panel

spinneybeck





Cover and page 2 photo credit: Jeudan

## Søuld Wooden Joints blend natural materials and acoustics.

Søuld Wooden Joints combines the rich texture of eelgrass with the natural beauty of beechwood. Clever wooden accents punctuate sound-softening wall panels, creating visual interest with depth and patterning.

Create custom floating or wall-to-wall installations with standard square panels crafted from eelgrass, which natively grows along the Danish coast.

Søuld Wooden Joints was designed by Søuld, a Danish material manufacturer committed to creating environmentally-friendly, recyclable and CO<sub>2</sub>-storing product made from eelgrass, a marine plant that grows naturally in the sea.



**Sound Absorbing**

The natural texture of dried eelgrass helps capture sound waves and reduce echo, improving the acoustic experience in all interior environments.

**Fully Circular**

Søuld Eelgrass products are designed to be fully circular and focus on environmental impact. With a history of over 300 years as a roofing material on the Danish island of Læsø, eelgrass has proven it can stand the test of time. Eelgrass products are 100% recyclable and when no longer in use, can be returned to become a second generation of Søuld eelgrass material.

**Fire Resistant**

Eelgrass has a naturally high mineral salt content, which provides long-term durability, and is highly fire resistant. Søuld Wall meets ASTM E84 Class A.

**Net Carbon Storing**

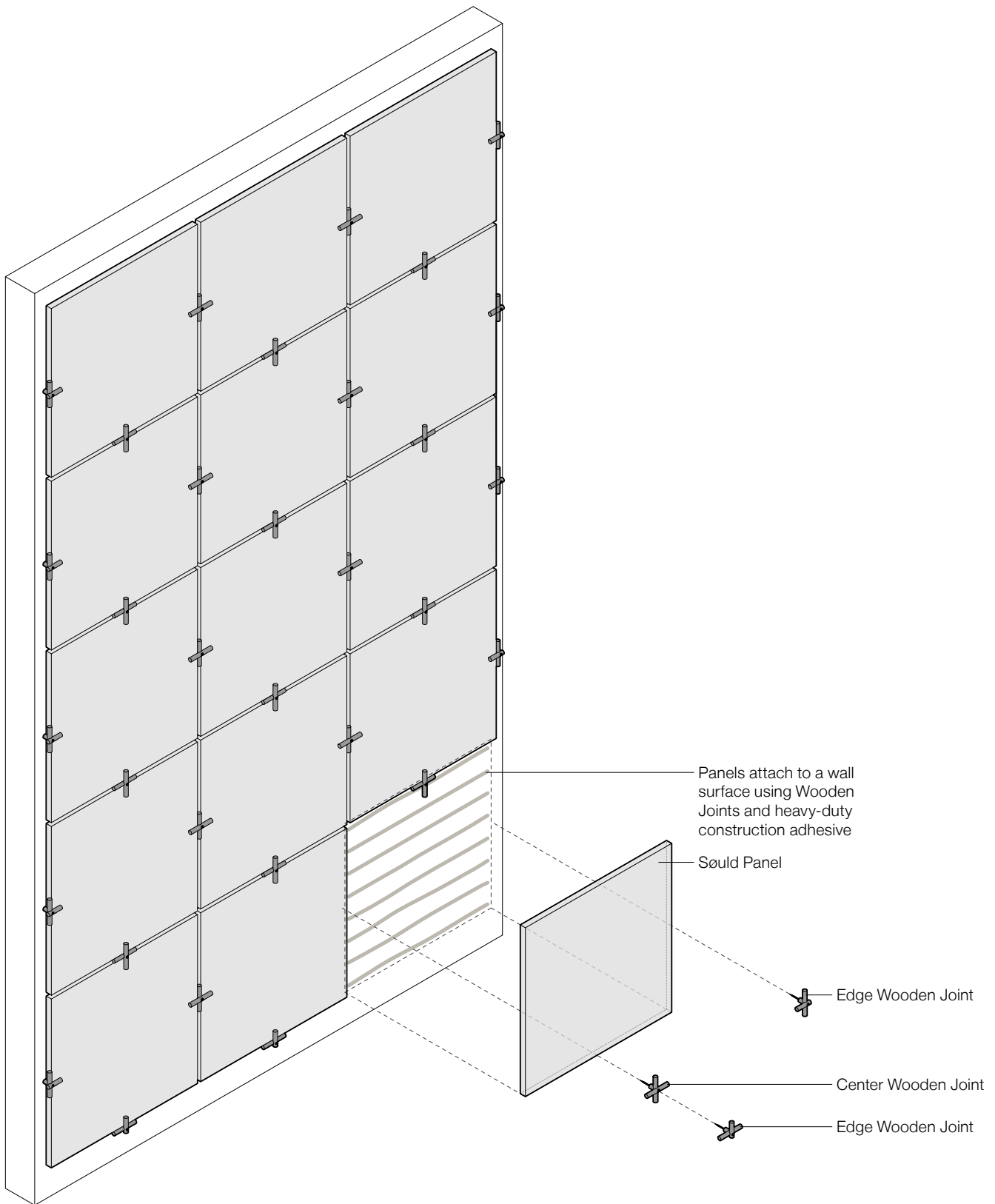
Eelgrass absorbs significant amounts of carbon while growing in the sea and stores carbon after being dried in the sun and wind. This natural process along with low impact manufacturing results in a carbon-neutral material.





**“We believe that the end-use must be considered to honor the story of eelgrass fully. That is why we are making products that can have a long life, be recycled, and be part of systems designed for repair, disassembly, and reuse.”**

– Tobias Øhrstrøm, Founder of Søuld



Exploded Axonometric

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|-------------------------------|--|
| <b>Product</b>                | Søuld Wooden Joints  |
| <b>Content</b>                | Søuld Acoustic Board FR (Eelgrass)   |
| <b>Standard Panel Size</b>    | 1'-8" x 1'-8" (2.54 x 2.54 cm)   |
| <b>Thickness</b>              | 11/16 in (1.8 cm)  |
| <b>Thickness Tolerance</b>    | 1/16 in (2 mm)   |
| <b>Edge</b>                   | Square   |
| <b>Mounting Option</b>        | Wooden Joints in Natural Beech   |
| <b>Custom</b>                 | Extension Panels smaller the standard size must be quoted for wall to wall installations   |
| <b>Durability</b>             | Contract or residential  |
| <b>Lead Time</b>              | Made to order and certain lead times will apply  |
| <b>Installation</b>           | Refer to Søuld Wooden Joints Installation Instructions for complete guidance.  |
| <b>Maintenance</b>            | Gently clean Søuld eelgrass products with a soft duster to remove dust and particles. If a deeper clean is necessary, use a vacuum cleaner with a brush attachment, sweeping lightly across the surface. Do not use rough cleaning equipment, water or commercial cleaners that could alter the appearance or texture of the material. Refer to Product Maintenance and Cleaning Guide for detailed care instructions.             |
| <b>Variation</b>              | Eelgrass is a natural material and color variation and inclusions on the surface are evidence of the 100% natural origin of the material. Product color is only indicative, as it is not possible to assure consistency of color in a natural product due to the natural color of the eelgrass plant. Color matching cannot be guaranteed between individual panels and expect color variation beyond the normal commercial range. |
| <b>Environmental</b>          | Søuld Acoustic Board FR is 100% recyclable and when no longer in use, can be returned to become a second generation of Søuld eelgrass product<br>Contains no formaldehyde, no chemical irritants, and free of harmful substances<br><a href="#">Download Declare Label</a><br>Living Building Challenge Criteria Compliant   |
| <b>Acoustics</b>              | ASTM C 423: NRC – 0.65, SAA – 0.63   |
| <b>Colorfastness to Light</b> | Class 4.5–5 (72 hours)   |
| <b>Flammability</b>           | ASTM E84: Class A<br>CAN ULC S102.2-18: FS: 5 / SDI: 0   |
| <b>Standard Color</b>         |  |



Natural Eelgrass



Natural Beech