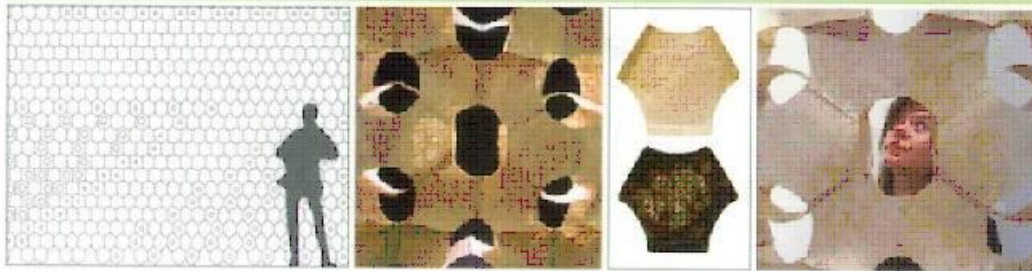


# Fiber Wall

N° 097713-001

## BIODEGRADABLE-FIBER SPACE DIVIDER



Designer John Hoiby characterizes green composites as fully biodegradable and consisting of plant fiber and plant-based resin. Developed as a collaborative thesis between the Department of Architecture and Department of Textile and Apparel at Cornell University, Fiber Wall was designed to combine properties such as high structural stiffness, light transmittance, and the appearance of natural fiber. In its final form, Fiber Wall functions as a self-bearing, translucent space divider.

Fiber Wall consists of three shapes of double-curved panels. The variation in shapes are kept to a minimum because the hot-pressing manufacturing process requires a different aluminum mold for every unique shape. The composite panels are made from sisal fiber, linen textile, and soy-protein resin and have a combinatorial logic that allows for growth in multiple directions. Circular cut-outs create multiple possibilities in transparency and light filtering.

### CONTENTS

Sisal fiber, linen textile, and soy-protein resin, aluminum rivets

### APPLICATIONS

Space divider, luminous wall

### TYPES / SIZES

Custom

### ENVIRONMENTAL

100% biodegradable, annually renewable materials

### LIMITATIONS

Not for exterior use

### CONTACT

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