

# Environmental

---

Stackabl takes textile manufacturing waste within **300 miles from our studio** and turns it into new acoustic furniture and lighting products. Our goal is to **divert 500 tons of textile waste from the landfill by 2029.**

The materials we use have the following environmental and sustainability certifications and qualities:

## Stackabl Collection

**LEED** Up to **31 points** (Energy Performance, Sourcing of Recycled Materials, Material, Ingredients, Interior Lighting Quality, Acoustic Performance, Innovation, Light Pollution Reduction)

**WELL** Up to **16 points** (Light Concept, Sound Concept, Materials Concept, Innovation)

This includes points across various categories. The actual number of points awarded would depend on the specific implementation and performance of specific products.

Our Felted Merino Wool is manufactured using solely **natural ingredients**, including sheep's wool, water, and plant-based textiles dyes that are safely disposed of in wastewater. In addition, ten 100 percent natural colors are composed of wool and water exclusively. It also has the following qualities and certifications:

- Wool felt is 100% biodegradable
- 100% VOC free, no chemical irritants,
- Oeko-Tex Standard 100 Certified Product Class II
- Living Building Challenge Criteria Compliant
- LEED MR credit 6
- Felt NRC: 0.2

PET acoustic board is made with **60% recycled fibers**. These boards not only contribute to reducing waste but are also sourced regionally, minimizing the carbon footprint associated with transportation.

- 60 percent recycled water bottle plastic
- PET NRC: 0.3

By choosing materials that are both eco-friendly and locally sourced, we are actively supporting a **circular economy while enhancing the acoustic comfort of our spaces**. This approach aligns with our broader goal of fostering a sustainable future through thoughtful and responsible material choices.