

Sustainability Product Report

Product Name: *Fibreworks 257 Sisal Adhesive*

FIBREWORKS products are formulated to balance both 'performance' and 'transparency'. Please feel free to contact us directly to request documentation or to ask for assistance in meeting the requirements for *LEED*, *Living Building Challenge (LBC)* or *WELL Building Standard* projects.

- ✓ **Technical Data Sheet (TDS) & Safety Data Sheet (SDS):** Technical data sheets, safety data sheets and surface preparation bulletins for this product are available on our FIBREWORKS website <http://www.fibreworks.com>. Please follow all manufacturers' recommended installation procedures and acceptable industry standards and methods for this product.
- ✓ **ISO 14001 Certified:** FIBREWORKS adheres to an environmental management system in support of preventing pollution, minimizing environmental impacts and effectively using resources with regards to the company's activities, products and services. Currently there are (9) manufacturing sites and the corporate headquarters in Deerfield Beach, Florida that are currently ISO 14001-certified. <https://www.iso.org/iso-14001-environmental-management.html>
- ✓ **LEEDv4: Materials and Resources (MR) Building Product Disclosure and Optimization—Sourcing of Raw Materials.** The following list of FIBREWORKS Plant Locations, based on zip codes, can be used to calculate whether or not the product and material that is extracted, manufactured, and purchased is within 100 miles (160 kilometers) of the project.
- ✓ **Living Building Challenge (LBC): Materials Petal—13. Living Economy Sourcing Imperative Sourcing of Raw Materials.** The project must incorporate place-based solutions and contribute to the expansion of a regional economy rooted in sustainable practices, products, and services. Manufacturer location for materials and services must adhere to the following restrictions:
 - 20% or more of the materials construction budget must come from within 500 kilometers (310 miles) of construction site.
 - An additional 30% of the materials construction budget must come from within 1000 kilometers (621 miles) of the construction site or closer.
 - An additional 25% of the materials construction budget must come from within 5000 kilometers (3,106 miles) of the construction site.
 - 25% of materials may be sourced from any location.
 - Consultants must come from within 2500 kilometers (1,553 miles) of the project location
- ✓ **VOC Content:** This product conforms to South Coast Air Quality Management District (SCAQMD) Rule #1168 for *Flooring Adhesives* and is <40g/L (50g/L VOC Limit). <http://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book/regulation-xi>
- ✓ **VOC Emission:** 0.013 lb/ft² (0.56 g/m²)
 - **LEEDv4: Low emitting materials**—“This credit includes requirements for product manufacturing as well as project teams. It covers volatile organic compound (VOC) emissions in the indoor air and the VOC content of materials, as well as the testing methods by which indoor VOC emissions are determined. Different materials must meet different requirements to be considered compliant for this credit.”
 - **LEEDv4.1** for Existing Buildings—EQ Prerequisite: *Indoor Environmental Quality Category*, specific to the 'Human Experience' for interior volatile organic compound levels expressed in TVOC.
 - **LBC (Living Building Challenge) v3.1 Health + Happiness –Healthy Interior Environment; Imperative 08:** “Compliance with the *CDPH Standard Method v1.1-2010 (or international equivalent)* for all interior building products that have the potential to emit volatile organic compounds(VOCs).19”
 - **WELL Building Standard v1: AIR –04 VOC Reduction:** *Products should conform to South Coast Air Quality Management District (SCAQMD) Rule #1168 for Adhesives and Sealants and Rule #1113 for Architectural Coatings. Products must meet and conform to the California Department of Health; Section 01350 requirements*