

Quiet Denim Insulation is an eco-friendly, fire-rated insulation made from 85% reclaimed fibers, contributing to sustainable building practices. The following outlines how Quiet Denim Insulation may contribute to LEED v4.1 Certification for projects seeking enhanced environmental performance.

LEED V4.1 CREDIT CONTRIBUTIONS

Materials & Resources (MR)

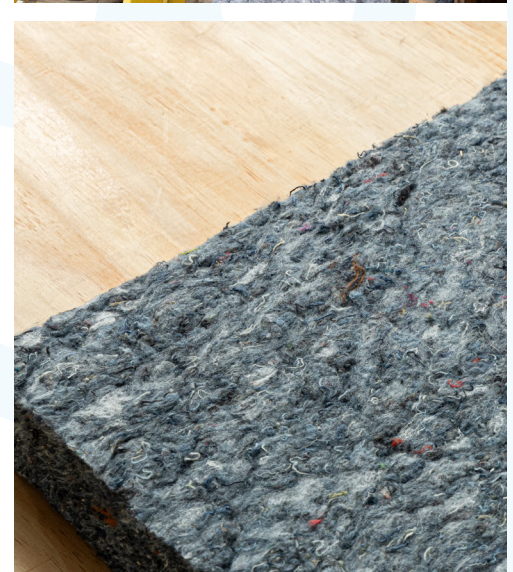
- **Building Product Disclosure & Optimization - Environmental Product Declarations (EPD)**
 - Quiet Denim Insulation contains 85% reclaimed fibers, supporting sustainable material sourcing.
 - Contributes to points under Option 2: Leadership Extraction Practices by using high-recycled content materials.
- **Building Product Disclosure & Optimization - Sourcing of Raw Materials**
 - Made with a high percentage of pre-consumer and post-consumer recycled content, supporting responsible material sourcing.
 - Helps projects achieve points for material reuse and waste reduction.
- **Construction & Demolition Waste Management**
 - Contributes to waste diversion by reducing landfill waste through recyclable material use and efficient packaging.

Indoor Environmental Air Quality (EQ)

- **Low-Emitting Materials**
 - Designed to have no VOC off-gassing, improving indoor air quality and supporting compliance with LEED's low-emitting materials requirements.
- **Acoustic Performance**
 - Provides superior sound absorption properties, contributing to improved acoustic comfort in educational, healthcare, and commercial environments.

Energy & Atmosphere (EA)

- **Optimize Energy Performance**
 - Thermal performance enhances building energy efficiency, potentially contributing to points in energy cost savings.
 - Reduces heating and cooling loads, supporting sustainable energy use.



Innovation (IN)

- **Innovative Material Use**
 - The use of recycled denim as insulation aligns with LEED innovation credits by promoting novel, high-performance sustainable materials.
 - Contributes to pilot credits for sustainable material innovations.

Regional Priority (RP)

- **Regional Material Sourcing**
 - Depending on project location, Quiet Denim Insulation may contribute to regional priority credits by sourcing materials within a 500-mile radius.

CONCLUSION

Quiet Denim Insulation supports multiple LEED v4.1 certification categories by promoting energy efficiency, superior indoor air quality, waste reduction, and sustainable material sourcing. For project-specific LEED documentation, contact our sustainability team.

