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May 16, 2025

RE: HercuWall™ - Green Building Product Information (LEED v4.1 Information)



To Whom It May Concern:

HercuWall™ is a high-performance wall system that offers significant advantages pursuing LEED certification. HercuWall™ aligns with LEED's overall goals of promoting sustainable and environmentally responsible building practices. This document provides an overview of how HercuWall™ contributes to LEED credits, its benefits, and supporting documentation.

HercuWall™ design and performance characteristics can contribute to several LEED categories:

- **Energy and Atmosphere (EA)**
 - **EA Prerequisite: Minimum Energy Performance:** HercuWall's superior insulation and reduced duct leakage helps projects achieve mandatory minimum energy performance requirements.
 - **EA Credit: Optimize Energy Performance:** By significantly reducing energy consumption, HercuWall™ can contribute to earning points under this credit. HercuWall™ high insulation and airtight properties results in a smaller HVAC system which contributes to energy efficiency and reduced operational costs.
- **Materials and Resources (MR):**
 - **MR Credit: Building Life-Cycle Impact Reduction:** The life-cycle assessment data can be used to evaluate the environmental impact of HercuWall™ and potentially contribute to this credit.
- **Indoor Environmental Quality (EQ):**
 - **HercuWall™ can contribute to improved indoor environmental quality due to reduced duct leakage, which minimizes the infiltration of pollutants and allergens.**

Supporting Documentation:

- HercuWall™ vs. Wood Frame Use-Phase LCA Report by Third Economy
- LEED Gold Certification for 55 Grounds Drive, Sedona, Arizona Energy
- Star v3.1 Home Report for Sedona Habitat for Humanity

Incorporate HercuWall™ into your designs to enhance energy performance, contribute to LEED certification, and create more sustainable buildings. Should you have any questions or require additional information, please do not hesitate to contact Technical Services or your local Tremco Field Representative to explore how HercuWall™ can support your project goals.

Sincerely,

Kristi Brown
Associate Program Manager
Compliance & Regulatory Affairs