



LEED Building Concepts



LEED (Leadership in Energy and Environmental Design) is part of the US Green Building Council's (USGBC) rating system. This voluntary consensus-based standard is designed to help develop sustainable, high performance buildings based on accepted energy and environmental principles.

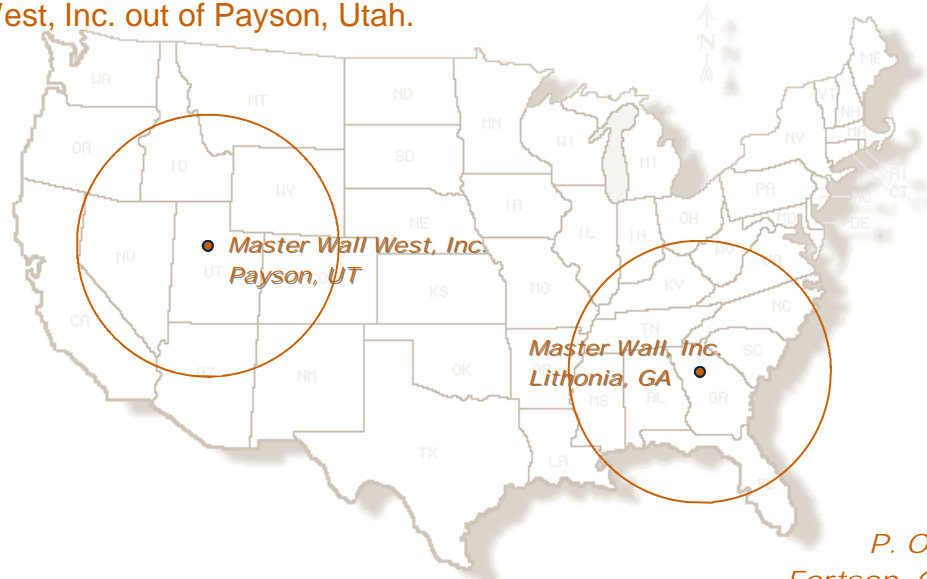
Master Wall Inc.'s Contribution

We support LEED in several areas, most notably:

- Process blending and material blending to minimize material usage. Re-blending of products when possible.
- Sourcing of raw materials near our manufacturing facilities
- Technical development and promotion of high performance sustainable wall claddings with local sourcing within the design community.
- Our Cemplaster and One Coat Stucco products are usually mixed with locally sourced sand.

Materials & Resources

Depending upon where the project is located, Master Wall may be considered a regional material. Master Wall manufacturers at our Lithonia, Georgia facility in the East and Master Wall West, Inc. out of Payson, Utah.



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Master Wall LEED Credits & Strategies

Master Wall materials may be suitable for the following credits:

- Site Selection (SS) Credit 1: Master Wall systems are well suited for previously developed sites.
- Site Selection (SS) Credit 2: Master Wall materials can be used for renovation.
- Site Selection (SS) Credit 3: Brownfield Site Redevelopment.
- Energy & Atmosphere (EA) Prerequisite 2: Master Wall EIFS and Drainage EIFS insulate the building to help meet ASHRAE/IESNA Standard 90.1-2004.
- Energy & Atmosphere (EA) Credit 1: Master Wall Insulation Board can be used to help gain up to 10 points.
- Energy & Atmosphere (EA) Credit 2: Well insulated buildings help lower the cost and sizing of on-site renewal energy.
- Materials & Resources (MR) Credit 1.1 and 1.2: Existing walls can be creatively covered with Master Wall products for the building reuse credit.
- Materials & Resources (MR) Credit 2: Master Wall materials have limited construction waste with most products being delivered in pails or bags. Waste insulation is lightweight and can be recycled.
- Materials & Resources (MR) Credit 4: While Master Wall products do not contain any recycled content, the primary component is sand and aggregate, which are readily available materials.
- Materials & Resources (MR) Credit 5: See map on previous page. Some materials such as Portland cement, insulation board and sand aggregate are usually sourced locally as well.
- Indoor Environmental Quality (EQ) Credit 4.1 & 4.2: If used on interiors, Master Wall products offer low VOC (< 1% typically). See our MSDS sheets for specifics.
- Indoor Environmental Quality (EQ) Credit 7.1: Master Wall Systems can be designed to help with thermal comfort. Our EIFS and Drainage EIFS systems help maintain more consistent wall temperatures.

Other Green Benefits

- Rollershield roll-applied water barrier also helps as part of a moisture strategy and an air barrier to help reduce air infiltration.
- Rollershield EIFS could be used as part of a total energy package to achieve a third of the LEED Basic certification and one quarter of the LEED Silver certification.
- Master Wall insulation board is efficient to produce, is recyclable, and saves energy.
- Master Wall products don't significantly impact the waste stream as nearly 100% of the materials can be used; pails and bags could be recycled.
- Our finishes can be applied over locally sourced stucco, providing high aesthetic value with low ecological impact.



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