J&J STONE, INC.

LEED REFERENCE

THE PERFECT STONE FOR EVERY BUILD™

J&J STONE, INC.

LEED® REFERENCE

Full Bed, Thin Veneer, Landscape, and Hardscape Materials

The Perfect Stone For Every Build™

OVERVIEW

Natural stone is widely used across building and landscape projects in Texas, including full-bed stone, natural thin veneer, landscape stone, and hardscape materials. Because these products are extracted and fabricated with minimal processing, they offer transparency in sourcing, composition, and environmental performance. This guide explains how natural stone contributes to LEED v4 and v4.1 credits and outlines the pathways most relevant to architects, contractors, and project teams. It also summarizes how stone may align with material disclosure, sourcing, indoor environmental quality, heat-island mitigation, and waste-management goals on certified projects.

ENVIRONMENTAL PRODUCT DECLARATIONS

Environmental Product Declarations (EPD) describe the environmental impacts of stone production, including quarrying and fabrication. Natural stone used in full-bed, thin-veneer, landscape, and hardscape applications is covered by the Natural Stone Institute's industry-wide EPD, which supports LEED disclosure requirements and allows project teams to document material transparency.

- Supports LEED MR Credit: Building Product Disclosure and Optimization
- Industry-wide EPD contributes to LEED's product disclosure count
- Applies to full-bed, thin-veneer, landscape stone, and hardscape products
- Reflects quarrying, cutting, and fabrication practices common to natural stone

SOURCING OF RAW MATERIALS

Many Texas projects are located close to stone extraction and fabrication sites, which allows natural stone to support LEED pathways related to regional sourcing. When project, quarry, and processing locations fall within LEED's distance criteria, stone may help demonstrate reduced transportation impacts and improved material transparency.

CONTINUED NEXT PAGE

HEADQUARTERS
4400 West FM 487
Jarrell, Texas 76537

BUSINESS & REMITTANCE ADDRESS
P.O. Box 172
Jarrell, Texas 76537

CONTACT US
(512) 746-2495
info@jjstone.com

www.jjstone.com

REVISED OCTOBER 1, 2025

- Supports LEED MR Credit: Sourcing of Raw Materials
- May contribute to the Location Valuation Factor when distances meet LEED thresholds
- Applies to full-bed stone, thin veneer, landscape stone, and hardscape materials
- Stone is extracted and fabricated with minimal processing and minimal chemical intervention

MATERIAL INGREDIENTS

Natural stone is composed of naturally occurring mineral components with no added binders, resins, or synthetic ingredients. This simple and transparent composition allows stone to support ingredient reporting pathways under LEED and helps project teams address human health considerations without the complexity associated with manufactured materials.

- Supports LEED MR Credit: Material Ingredients, Option 1 (Ingredient Reporting)
- Mineral composition can be described using geological information
- Applies to full-bed stone, thin veneer, landscape stone, and hardscape materials
- Contains no added chemicals, coatings, or synthetic content

INDOOR ENVIRONMENTAL QUALITY (IEQ)

Natural stone qualifies as a non-emitting source material under LEED guidelines when supplied without topical treatments, which supports indoor air quality goals for projects using stone inside the building envelope. Because stone contains no volatile organic compounds, it does not require emissions testing to meet LEED criteria related to low-emitting materials.

- Supports LEED EQ Credit: Low-Emitting Materials
- Contains no VOCs and requires no emissions testing
- Applies to interior uses of full-bed stone, thin veneer, and certain site materials
- Installation products such as mortars and sealers must meet their own LEED requirements

CONSTRUCTION WASTE MANAGEMENT

Natural stone contributes to construction and demolition waste reduction because it can be reused, repurposed, or recycled at the end of its service life. Its durability and long-term performance help limit disposal needs, and thin veneer can reduce overall material volume, transportation weight, and packaging waste during installation.

- Supports LEED MR Credit: Construction and Demolition Waste Management
- Stone can be reused as aggregate, fill, landscape material, or architectural salvage
- Applies to full-bed stone, thin veneer, landscape stone, and hardscape materials
- Thin veneer reduces shipping weight and jobsite waste

HEADQUARTERS
4400 West FM 487
Jarrell, Texas 76537

BUSINESS & REMITTANCE ADDRESS
P.O. Box 172
Jarrell, Texas 76537

CONTACT US
(512) 746-2495
info@jjstone.com

HEAT ISLAND REDUCTION

Light-colored natural stone can support Heat Island Reduction strategies when used in landscape and hardscape applications. Many Texas limestones and select sandstones offer higher solar reflectance values, helping reduce heat absorption on site surfaces and improving overall environmental performance in paved or exposed areas.

- Supports LEED SS Credit: Heat Island Reduction
- Higher reflectance values help reduce heat buildup on exterior surfaces
- Applies to landscape stone, paving, walkways, and other hardscape elements
- Light-colored limestone often aligns with LEED's reflectance thresholds

REGIONAL PRIORITY CREDITS

LEED identifies specific credits as Regional Priority items based on each project's ZIP code and local environmental goals. Natural stone may support several of these priorities in Texas due to its regional availability, durability, and potential contributions to material sourcing and site performance. Eligibility varies by location, but stone often aligns with priority areas related to responsible sourcing and heat management.

- May contribute to Regional Priority credits tied to material sourcing
- Can support priority credits related to heat island reduction in warm climates
- Applies to full-bed stone, thin veneer, landscape stone, and hardscape products
- Relevance depends on the specific LEED Regional Priority map used for the project

PRODUCT ORIGINS

Natural stone used in full-bed, thin-veneer, landscape, and hardscape applications is sourced directly from quarries in Texas. These locations supply the limestone and sandstone used across architectural and sitework projects throughout the region. Understanding where the material originates helps project teams assess sourcing pathways, transportation considerations, and potential alignment with LEED's regional material criteria.

- Limestone quarried in Jarrell, Texas — approximately 40 miles from Austin, Texas
- Limestone quarried in Lueders, Texas — approximately 160 miles from Austin, Texas
- Sandstone quarried in San Saba, Texas — approximately 110 miles from Austin, Texas

HEADQUARTERS
4400 West FM 487
Jarrell, Texas 76537

BUSINESS & REMITTANCE ADDRESS
P.O. Box 172
Jarrell, Texas 76537

CONTACT US
(512) 746-2495
info@jjstone.com