



The Perfect Stone For Every Build™

OVERVIEW

J&J Stone quarries Lueders limestone from long-established deposits in the Lueders, Texas region and produces it in forms suited to diverse construction and design applications. Offered in dimensional, landscape, and architectural forms, Lueders limestone combines strength and uniformity with a natural character that complements both modern and traditional design. Its density and durability ensure reliable performance in structural and site work, while subtle variation in color and texture enhances design expression across commercial, residential, and civic projects.

Design professionals specify J&J Stone Lueders limestone for its versatile color range from cream and buff to light gray and charcoal and for its adaptability to multiple surface finishes. Each cut reveals tonal depth and natural layering that enrich masonry assemblies. Locally quarried and minimally processed, the stone supports efficient specification and aligns with regional sourcing and resource conscious design.

APPLICATIONS

Quarried Lueders limestone from J&J Stone is supplied as dimensional stone (commonly referred to in the field as building stone), landscape and hardscape stone, and architectural stone.

Dimensional Stone (Building Stone)

Blocks, ashlar, veneer, and cladding for loadbearing or nonloadbearing walls that require strength, weathering resistance, and long service life.

Landscape and Hardscape Material

Natural stone for retaining walls, pool coping, steps, paving, patios, walkways, grade transitions, and outdoor living features where durability and consistency are critical.

HEADQUARTERS

4400 West FM 487
Jarrell, Texas 76537

BUSINESS & REMITTANCE ADDRESS

P.O. Box 172
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Architectural Stone

Precisely cut elements such as cladding panels, wall caps, sills, coping, surrounds, and custom profiles that provide detailing and finish quality in both traditional and contemporary assemblies.

FEATURES & BENEFITS

Our quarried Lueders limestone is supplied as dimensional stone (commonly referred to in the field as building stone), landscape/hardscape material, and architectural stone.

Durability

High density and resistance to weathering support reliable performance in walls, veneers, coping, and paving exposed to varied conditions.

Workability

Cuts cleanly and consistently, reducing field adjustments, installation time, and labor.

Design Flexibility

Available as Dimensional Stone, Landscape and Hardscape Stone, and Architectural Stone, allowing coordinated use across structural, site, and detail applications.

Aesthetic Range

An extensive palette of colors, from cream and buff to light gray and charcoal, with multiple surface finishes suitable for both traditional and contemporary designs.

Regional Sourcing

Quarried in Texas, supporting local supply chains and practical goals for regional materials.

SUSTAINABILITY

Natural stone requires comparatively little processing, which reduces the embodied energy of the material relative to manufactured alternatives. Quarrying close to the point of use further limits transportation demands and supports regional sourcing goals. Because of its long service life, natural stone also extends replacement cycles, lowering both material consumption and project costs over time. Its durability further reduces the need for repairs and replacements, adding to its overall environmental value. When specified appropriately, natural stone may contribute to LEED® requirements in categories such as regional materials and resource efficiency.

100% natural material
with no chemical additives

Fully recyclable and reusable
in secondary applications

Minimal maintenance requirements
over the life of the installation

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AVAILABLE NATURAL COLORS

Lueders limestone from our quarries displays a broad range of natural colors, allowing material selection that meets both structural and aesthetic requirements. The following colors are available across Dimensional Stone, Landscape and Hardscape Stone, and Architectural Stone categories, depending on quarry layer and finish.

Blue Gray	Cream	Ivory
Buff	Driftwood	Silver Gray
Charcoal	Gold Buff	Taupe
Chocolate	Gray	Wheat

Natural variation occurs within each color range, producing subtle shifts in tone and pattern that add depth and authenticity to masonry assemblies. Color availability may vary by block, bed, and finish. For project-specific selections, consult with your design consultant.

STANDARD SIZES & FINISHES

Lueders limestone is supplied in standard thicknesses and formats consistent with industry practice. Dimensional Stone is available in full-bed and thin veneer thicknesses, as well as larger blocks for structural or site applications. Landscape and Hardscape Stone is cut for coping, steps, paving, and grade transitions, while Architectural Stone is shaped for walls, sills, caps, surrounds, and custom profiles. Finishes range from natural chop to sawn and field stone, allowing the material to meet both functional and design requirements.

DIMENSIONAL STONE

Full Bed, 3-inch to 5-inch;
Thin Veneer, 1-inch to 1.5-inch;
Cut as Flagstone, Natural Chop,
Sawn Chop, Rubble, Ledgerstone,
Tumbled and Mosaic

LANDSCAPE & HARDSCAPE

Variable boulder sizes ranging
from small to colossal, rounded to
flat, end cuts, and gravels; rough
to smooth finishes

ARCHITECTURAL

Produced in varying heights and
widths to meet project specifications
with a smooth honed finish; custom
finishes available

AVAILABILITY

Standard cuts of Dimensional Stone and Landscape and Hardscape Stone are typically available from stock, with orders fulfilled within 5–7 business days. Architectural Stone is crafted to order, with lead times generally ranging from 4–6 weeks depending on project scope and stated specifications. All products are supplied to meet industry standards, and custom requirements can be reviewed on a project-by-project basis. For delivery, product transport is available by truck or rail for a nominal fee.

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TECHNICAL

The technical section outlines the properties and practical considerations of quarried Lueders limestone. As a natural stone, it is defined by its mineral composition, formation, and compliance with ASTM standards that guide its use in both loadbearing and nonloadbearing construction. Understanding these fundamentals ensures that architects, engineers, and masonry contractors can specify the material with confidence.

The section also details the physical formats in which limestone is supplied, including standard thicknesses, unit weights, and palletized tonnage. These values are essential for accurate estimating, transportation logistics, and installation planning. Together, this information provides a clear reference for incorporating limestone into building, landscape, and architectural applications.

DEFINITION OF LUEDERS LIMESTONE

Lueders limestone is a fine-grained sedimentary stone composed primarily of calcium carbonate (CaCO₃), formed over millions of years from marine sediments and skeletal remains deposited on ancient sea floors in North Central Texas. Over time, compaction and mineralization created a dense, stratified stone still actively quarried in the Lueders region.

Minor amounts of silica, clay, and iron oxide influence its color and performance characteristics. This natural variation produces tones from cream and buff to light gray and charcoal, with uniform bedding that supports reliable cutting and fabrication. Classified under ASTM C568 as Building Stone, Lueders limestone is typically Type II (medium density), suitable for both loadbearing and nonloadbearing construction.

GENERAL TECHNICAL SPECIFICATION

The following values represent general technical data for Texas Limestone and are provided as reference benchmarks only. For project-specific requirements and exact test results, contact your J&J Stone Design Consultant.

Density (ASTM C97)	Typically 130–145 lb/ft ³
Absorption By Weight (ASTM C97)	Typically 4–8%
Compressive Strength (ASTM C170)	Typically 3,500–9,000 psi
Flexural Strength (ASTM C99 / C880)	Typically 500–900 psi
Abrasion Resistance (ASTM C241)	Low to moderate
Freeze–Thaw / Durability	Suitable for exterior use; often classified as ASTM C568 Type II (medium density)

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WEIGHTS & MEASUREMENTS

Understanding the weight and volume of quarried stone is essential for accurate estimating, structural planning, and logistics. Unit weights are provided for standard thicknesses of Dimensional Stone, while palletized tonnage is listed to support ordering, transport, and on-site handling. These values allow architects, contractors, and masons to plan installations with confidence and ensure material coordination across building, landscape, and architectural applications.

BUILDERS GRADE, THREE- TO FIVE-INCH

Sawn Chop	40-45 SqFt/Ton
Natural Chop	40-45 SqFt/Ton
River Rock	30-40 SqFt/Ton
Flagstone	40-45 SqFt/Ton
Ledgestone	35-40 SqFt/Ton

DRystack

4x6"; 6x6"; 8x6"	30 SqFt/Ton
4x8"; 6x8"; 8x8"; 10x8"	20-23 SqFt/Ton
4x10"; 6x10"; 8x10"; 10x10"; 12x10"	15-17 SqFt/Ton
4x12"; 6x12"; 8x12"; 10x12"; 12x12"	10-12 SqFt/Ton

PATIO

2.25" Sawn Cut Patio	70-73 SqFt/Ton
1.25" Sawn Cut Patio	120-123 SqFt/Ton
1" to 3" Natural Patio	60-65 SqFt/Ton
1" Oklahoma Patio	125 SqFt/Ton
2" Oklahoma Patio	75-80 SqFt/Ton

LINEAR TONNAGE

2.25"x10"	84-88 LnFt/Ton
2.25"x12"	69-73 LnFt/Ton
2.25"x14"	60-63 LnFt/Ton
2.25"x16"	51-55 LnFt/Ton
4"x4"	119-123 LnFt/Ton
4"x6"	78-82 LnFt/Ton
4"x8"	58-62 LnFt/Ton
4"x10"	46-49 LnFt/Ton
4"x12"	38-41 LnFt/Ton
4"x14"	32-35 LnFt/Ton
6"x4"	78-82 LnFt/Ton
6"x6"	51-55 LnFt/Ton
6"x8"	37-41 LnFt/Ton
6"x10"	29-33 LnFt/Ton
6"x12"	24-26 LnFt/Ton
8"x4"	58-62 LnFt/Ton
8"x6"	37-41 LnFt/Ton
8"x8"	28-31 LnFt/Ton
8"x10"	22-24 LnFt/Ton
8"x12"	18-20 LnFt/Ton
10"x10"	17-19 LnFt/Ton
10"x12"	14-16 LnFt/Ton
12"x12"	11-23 LnFt/Ton

All weights, sizes, and palletized values are approximate and provided for general reference. Natural stone is a product of nature, and variations in density, thickness, and yield will occur from block to block and bed to bed. Final quantities should be confirmed at the time of order, and jobsite handling should account for natural variation.

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