

Native Earthblock Compressed Earth Block Specification Sheet

Product Name: Native Earthblock Compressed Earth Block (CEB)

Product Description:

Native Earthblock Compressed Earth Blocks are sustainable, environmentally friendly building materials made from locally sourced earth. These blocks offer exceptional durability, thermal mass properties for insulation, and a unique aesthetic appeal. They are designed to meet the highest standards of eco-conscious construction.

Specifications:

Material: Locally sourced earth, stabilized with a small percentage of cement, or clay & lime, preferred as stabilizers as needed.

Dimensions: Standard sizes: 10" x 14" x 3.5"/ 7" x 14" x 3.5"/ 6" x 12" x 4" (Custom sizes available upon request)

Weight: Approximately 30-38.5 pounds per block

Compressive Strength: Typically exceeds 2800 PSI (pounds square inch)(varies based on mix design)

Color: Light or Dark

Natural earth tones, primarily shades of brown, may have a reddish hue, varying slightly based on local soil composition

Texture: Natural, slightly textured surface

Sustainability: High sustainability rating due to locally sourced materials, reduced energy consumption during production, and minimal waste generation

Key Features:

Durability: Native Earth Blocks (CEBs) are designed to withstand extreme weather conditions and have a long lifespan, ensuring the longevity of your construction project.

Thermal Mass: The blocks' thermal mass properties provide excellent insulation, reducing heating and cooling costs and maintaining a comfortable interior climate.

Aesthetics: These earth blocks offer a distinctive, natural appearance that adds warmth and character to any building project.

Sustainability: Native Earthblock prioritizes sustainability by sourcing materials locally, minimizing transportation emissions, and using energy-efficient production methods.

Customization: Blocks can be customized to meet specific project requirements, including size, color, and stabilization methods.

Applications:

Residential Homes

Commercial Buildings

Eco-Resorts

Sustainable Communities

Educational Institutions

Public Infrastructure Projects

Green Building Initiatives

Installation:

Installation methods may vary depending on project requirements. It is recommended to consult with a qualified architect or builder experienced with CEB construction.

Storage and Handling:

CEBs should be stored in a dry, covered area to prevent moisture absorption. Handle blocks with care to avoid breakage.

Certifications:

Native Earth Blocks (CEBs) meet or exceed industry standards for sustainable construction materials. Specific certifications may vary based on project location and requirements.

Availability:

Native Earthblock Compressed Earth Blocks are available nationally. Please contact our sales team for pricing and availability in your area.

Contact Information:

For inquiries, orders, or further information, please contact:

Native Earth Block
Austin, TX
(512) 714-2405
sales@nativeearthblock.com
www.nativeearthblock.com

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Note: This specification sheet is provided for informational purposes and may be subject to updates or modifications. Always consult the most recent product documentation and guidelines when using Native Earthblock Compressed Earth Blocks in your projects.