



DATE:
FEBRUARY 25, 2026

CARBONBUILT PRODUCT DATA SHEET

NORMAL WEIGHT CONCRETE MASONRY UNIT (NW CMU) LIGHT WEIGHT CONCRETE MASONRY UNIT (LW CMU)

PRODUCT DESCRIPTION

CarbonBuilt's Normal Weight Concrete Masonry Unit (NW CMU) and Light Weight Concrete Masonry Unit (LW CMU) are designed for strength, durability, versatility, and sustainability. These CMU are ideal for structural and nonstructural wall systems in commercial, industrial, and residential construction.

Loadbearing ASTM C-90 CMU and non-loadbearing ASTM C-129 CMU produced using Reversa® binder ("CarbonBuilt CMU") deliver deep carbon footprint reductions while meeting the same strength and performance standards as traditional products.

Testing is conducted by the independent laboratory at the [Concrete Masonry and Hardscapes Association](#) in accordance with ASTM standards. Reports are available upon request.

SUSTAINABILITY

CarbonBuilt's upcycled Reversa® binder reduces cement use and lowers the embodied carbon of these CMU by >35%, **delivering the lowest carbon** [Environmental Product Declaration in the US for Normal Weight CMU](#) as of January 2026. CarbonBuilt also has significantly improved product quality and reduced materials waste from this plant since our acquisition of the plant in February 2025.

Our NW CMU and LW CMU EPDs can be [downloaded](#) from our website.

CARBON ACCOUNTING AND CLAIMS

Carbon attributes have been sold to finance the deployment of these products. As such, the buyer of CarbonBuilt products may not reduce their Scope 3 emissions inventory based on their purchase.

LEED: It is CarbonBuilt's understanding that LEED has not issued clear guidance on whether products with Scope 3 attributes claimed can be counted toward relevant Embodied Carbon point totals. As this is an independent standard and an evolving issue, CarbonBuilt cannot opine on where Green Business Certification Inc. (GBCI) will land on this topic; however, CarbonBuilt takes no issue with the masons or project teams pursuing this question with GBCI directly to determine if there is a



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credible path to referencing these products as one part of a LEED application, so long as third party ownership of GHG benefits is clearly disclosed to GBCI.

Public Statements: Please contact CarbonBuilt at media@carbonbuilt.com if you would like to promote your use of CarbonBuilt's ultra-low carbon concrete products as part of your project. Due to the attribute sales, any public statement made about this product must be careful to avoid double-claiming or the appearance thereof.

TYPES

- Standard NW CMU
- Standard LW CMU
- Architectural CMU

Available with or without bullnose, scoring, IWR

Architectural CMU available in Smooth Face, Ground Face, Split Face

Colors Available: Natural, Sugar Cookie, Light Brown, Golden Rod, Gold Finger, Dutch Brown, Colonial Brown, Candy Apple Red, Custom

SIZES AVAILABLE

- 4" Units
- 6" Units
- 8" Units
- 10" Units
- 12" Units
- 24"-long Units (Oversized)

Available in multiple dimensions and special units

APPLICATIONS

- Exterior and interior walls (above and below-grade)
- Loadbearing and non-loadbearing available
- Fire-rated assemblies (1.5-hour+, depending on product selection and assembly)
- Commercial, institutional, industrial, and residential projects

COMPLIANCE



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- [ASTM C-90](#) – Standard Specification for Loadbearing Concrete Masonry Units
- [ASTM C-129](#) – Standard Specification for Non-Loadbearing Concrete Masonry Units
- [ASTM C-140/C-140M](#) – Sampling and Testing Concrete Masonry Units and Related Units

HANDLING, STORAGE, AND INSTALLATION

- Units are palletized and wrapped for delivery.
- Store in dry conditions, off the ground, protected from weather until installation.
- Handle with care to minimize chipping and breakage.
- Inspect CMU before installation for compliance with project specifications.
- Lay units using best concrete masonry practices. Install only quality units; reject all defective units as defined by ASTM C-90 or ASTM C-129. Lay CMU with the faces level, plumb, and true to the line strung horizontally at the finished face.

QUALITY ASSURANCE

Construct a 4'x4' mock-up panel to represent the range of color and texture you can expect on your project. Build this panel from the production run for your project. This mock-up should remain in place for the duration of your project.

DISCLAIMER AND LIMITED WARRANTY

CarbonBuilt maintains all disclaimer and warranty information publicly, on its website, [here](#).

CONTACT INFORMATION

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