

# Applicable Standards for Liteblok™ and Liteblok™ Construction

The following represents many of the codes and standards that are applicable to Liteblok™ and Liteblok™ construction within the US:

## ASTM

- C796:** Test Method for Foaming Agents for Use in Producing Cellular Concrete Using Preformed Foam
- C869-91(2006):** Standard Specification for Foaming Agents Used in Making Preformed Foam for Cellular Concrete
- C567:** Test Method for Determining Density of Structural Lightweight Concrete
- C231-04:** Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
- C260-01:** Standard Specification for Air-Entraining Admixtures for Concrete
- C138/C138M-01a:** Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
- C173/C173M-01 e1:** Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method
- C567-04:** Standard Test Method for Determining Density of Structural Lightweight Concrete
- C39:** Test Method for Strength of Cylindrical Concrete Specimens
- C90:** Standard Specification for Load-Bearing Concrete Masonry Units
- C129:** Standard Specification for Non-Load-Bearing Concrete Masonry Units
- C140:** Methods of Sampling and Testing Concrete Masonry Units
- C331:** Specification for Lightweight Aggregates for Concrete Masonry Units
- C426:** Test Method for Drying Shrinkage of Concrete Block
- C426:** Standard Test Method for Linear Shrinkage of Concrete Masonry Units
- C494:** Standard Specification for Chemical Admixtures for Concrete
- C567-91:** Standard Test Method For Unit Weight of Structural Lightweight
- C495-91a:** Standard Test Method for Compressive Strength of Lightweight Insulating Concrete (#1)

## American Concrete Institute (ACI)

- E1-07:** Aggregates for Concrete
- E2-00:** Reinforcement for Concrete
- E3-01:** Cementitious Materials for Concrete
- E4-03:** Chemical Admixtures for Concrete

## International Building Code (IBC)

**Chapter 19:** Concrete

## International Residential Code (IRC)

- Chapter 6:** Wall Construction
- Chapter 7:** Wall Covering
- Chapter 11:** Energy Efficiency

## International Energy Conservation Code (IECC)

- Chapter 5:** Residential Building Design by Component Performance
- Chapter 6:** Simplified Prescriptive Requirements for Detached One- and Two-Family Dwellings and Group R-2, R-4 or Townhouse Residential

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