

OneStep Building System

Creating high performance buildings with
One Product, One Trade, OneStep!

CONCRETE FORM MASONRY UNIT



BENEFITS

SAFETY

Strength of reinforced cast in place concrete, ability to withstand extreme wind loads, excellent bullet and blast resistance, four hour fire wall rating.

MOISTURE RESISTANCE

No condensation, reduced efflorescence, eliminates black mold potential.

DESIGN FLEXIBILITY

Concrete masonry, clay brick, and natural stone face options, multiple colors, textures and pattern availability.

MASON FRIENDLY

Two-Thirds the weight of a standard 12" block with a specially designed ergonomic center handle for easy installation.

ENERGY EFFICIENT

High static R-Values, dense thermal mass, and no thermal path through the wall create an R-22-40 equivalency, which yields greatly reduced energy costs.

SUPERIOR SUSTAINABILITY

Simplicity of design saves natural resources, human resources, transportation costs and energy costs. Quiet buildings, improved indoor air quality, a safe environment, and life cycle savings are realized.

VALUE

Fewer products, fewer trades, and less steps result in lower construction costs.

LEED BUILDINGS

High number of LEED credits toward the building of a green building.

SPEED OF INSTALLATION

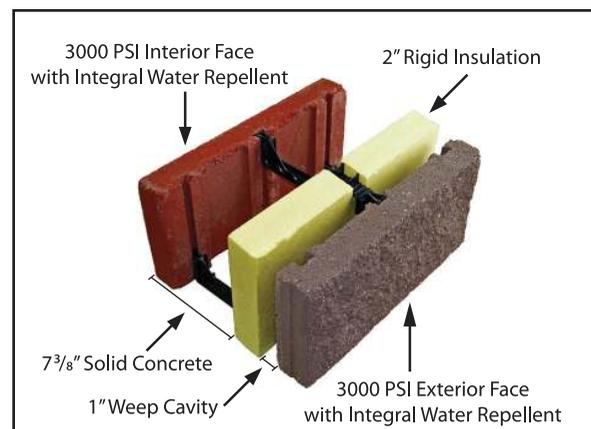
Four to six weeks construction time for a typical 10,000 sq ft gym.

SPECIFICATIONS

Masterformat Section 04-28-23, Concrete Masonry Units.
Complies with ASTM C-90 for Concrete Masonry.
CAD details are available.

FEATURES

- Units available in four sizes:
 - 12" W x 4" H } 7³/₈" Solid Concrete Member
 - 12" W x 8" H } 2" Rigid Insulation
 - 16" W x 4" H } 11" Solid Concrete Member
 - 16" W x 8" H } 2", 2¹/₂", or 3" Rigid Insulation
- 7³/₈" of solid concrete = four hour fire rating
- Patented connector system eliminates the thermal path through the wall
- Thermal efficiency - achieved through a combination of 105 lbs thermal mass per sq ft, a continuous rigid insulation blanket, a continuous weep cavity/air space, and a 2" thick outer face shell
- Built in weep cavity system with mortar stop spacers in every unit
- Five layer moisture blocking system designed to prevent water leakage, condensation and black mold
- Four to eight week lead time
- Only one trade required for wall construction
- Extensive interior and exterior finish and color options
- Durable masonry products for both interior and exterior surfaces
- Normal compatibility with built in items
- A OneStep Building System: Holistic system design creates high performance walls that are completely finished, both structurally and architecturally, exterior and interior - yet require only One Product, One Trade, and OneStep!



12" unit shown