



COMFORT BLOCK<sup>®</sup>

A NEW GENERATION OF BUILDING SYSTEMS



HURRICANE & TORNADO RESISTANT

MOLD + MILDEW RESISTANT

ULTRA EFFICIENT

FIRE RESISTANT

EXCELLENT THERMAL PERFORMANCE

# The future of masonry construction.

We've reimagined block laying, opening masonry construction to a new generation of builders, homeowners, and landscapers. Designed to replace a standard concrete block and mortar system, our blocks are ground to such precise dimensions that they can be assembled using only masonry adhesive, eliminating the need for mortar. Comfort Block structures are extremely durable, healthy, safe, and efficient and will last for generations with little to no maintenance.

Our modernized building system is available in five depth sizes so you can quickly and easily build durable homes, commercial buildings, garages, sheds, outdoor kitchens, free-standing walls, and more with less labor and less waste of materials. An integrated electrical channel makes it easy to install a building's electrical system after construction, and no furring or drywall is needed -- simply cover the wall with a plaster or sand/cement finish. Exterior finishing options include stucco, plaster, thin veneer, strapping and siding, and more.



Excellent  
thermal  
performance



Mold &  
mildew  
resistant



Ultra  
efficient



Termite  
resistant



Fire  
resistant



Hurricane  
& tornado  
resistant



Extremely  
quiet &  
comfortable

INSULATION INSERTS AVAILABLE

THIN JOINT CONSTRUCTION

PRECISION GROUND

FAST & EASY CONSTRUCTION

5 SYSTEM SIZES AVAILABLE



	Comfort Block®	Wood Construction
Minimal Construction Waste	✓	✗
Low Maintenance Costs	✓	✗
Resists Rot, Mold, Mildew	✓	✗
120+ mph Wind Resistance	✓	✗
Non-Combustible	✓	✗
Thermal Mass for Comfort	✓	✗

**Your home should be a safe place.** Designed to meet a minimum of 120 mph winds, a Comfort Block home is a durable concrete structure that can withstand hurricanes and tornados. Comfort Block is fire resistant and will not rot. It is inorganic and resists mold, mildew, insects, and other pests, keeping your living space clean and healthy.

A Comfort Block home's fully insulated 16" thick exterior walls reduce sound pollution and make it easy to regulate temperature and humidity, creating an extremely quiet and comfortable living space with exceptional energy efficiency. The thermal mass of concrete prevents temperature fluctuations, reducing your cooling and heating bills by up to 75%. All of these features and more will leave you feeling safe, secure, and comfortable within your home.

**Safe. Strong. Smart.**





# Live in **comfort.**

## ACACIA FANTO, CB HOMEOWNER

*"In my Comfort Block home I feel safe and secure, as well as grounded and connected to nature. My health has greatly benefited from living in a non-toxic Comfort Block home and I rest assured knowing that it cannot mold. My home stays cool and comfortable, even on the hottest days."*



## JON GORMAN, CB CONTRACTOR

*"As a mason, I already have some understanding of why a house like this is going to benefit the homeowners as far as the insulation, the efficiency, and the comfort – it's going to be quiet, warm when you need it to be warm, cool when you need it to be cool – and I know that as the word gets out, people are going to come to the same conclusions on why this may be the best choice for them when it comes to building a home."*

300 BLOCKS, 2 MEN, 8 HOURS



QUICKLY & EASILY BUILD STRUCTURAL SHELLS FOR:

**OUTDOOR KITCHENS, FIREPLACES, AND PIZZA OVENS  
SHEDS • CABANAS • POOL HOUSES • GARAGES  
VENEERED LANDSCAPE WALLS • SITTING WALLS  
PILLARS • PLANTERS AND RAISED GARDEN BEDS  
AND MUCH MORE!**

CONSTRUCTION OF CB-8 KITCHEN



Available in five wall systems to replace standard 4", 6", 8", 12", and 16" concrete blocks, Comfort Block is the perfect building material for a variety of applications. Comfort Block resists insects and pests and will not rot or mildew, making it the perfect foundation for constructing outdoor living features that are exposed to weather year-round.

The simplicity of the Comfort Block system makes masonry construction accessible to builders, landscapers, and even DIY homeowners with no prior masonry experience. There is no mortar to mix, and cleanup is virtually eliminated at the end of the day.

**ROGER MCCARTHY, LANDSCAPER**

*"We started using Comfort Block for building the bars and kitchens in our outdoor spaces. The help and support they have given us has been great. The blocks are perfectly built. No grinding or cutting to have them meet up. We use the Structure Bond adhesive, which makes building them so easy. We can have one guy building the area, and it takes no time to complete it. We now use Comfort Block for walls and stairs as well. They are structurally stronger and more precise. Once they are built, the crews just veneer them and then install the treads and landing."*

**Build smarter.**





With the CB-12 and CB-8 systems, quickly and easily build resilient, low-maintenance outbuildings such as garages, sheds, and pool houses. These Comfort Block systems have a built-in utility channel, so you can easily install electrical boxes after the wall has been constructed.

Use our CB-8, CB-6, and CB-4 systems to quickly frame outdoor kitchens, cabanas, landscape walls, columns, and more. With the addition of a fire brick lining, Comfort Block can be used to build outdoor fireplaces, fire pits, and pizza ovens.

After a Comfort Block wall or feature is constructed, it can be finished with stucco, plaster, or thin veneer. Strapping and siding can also be used if desired.

### WHAT MAKES COMFORT BLOCK CONSTRUCTION SO FAST & EASY?

- + Reduces the need for water on the job site
- + Storage of mortar and sand on site is eliminated
- + Mixing mortar is practically eliminated
- + Construction can begin quicker and end later (little setup & cleanup)
- + Blocks can go immediately from the pallet onto the wall - no stocking required near the mason.
- + Mason tenders can participate in the wall construction since they are no longer mixing and transporting mortar or stocking blocks.
- + Basecoat, grout, and finishes can be applied the same day as the wall construction



# Get with the system.



## CB-16 16" thick for maximum efficiency with three layers of integrated insulation



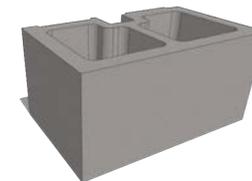
CB-16 Stretcher  
16"W x 8"H x 12"L



CB-16 Full Jamb  
16"W x 8"H x 12"L



CB-16 Half Jamb  
16"W x 8"H x 6"L



CB-16 Corner  
16"W x 8"H x 10"L



CB-16 Spacer  
16"W x 8"H x 2"L

## CB-12 12" thick with optional EPS inserts



CB-12 Stretcher  
12"W x 8"H x 12"L



CB-12 Half  
6"W x 8"H x 12"L



CB-8 Stretcher  
8"W x 8"H x 16"L



CB-8 Half  
8"W x 8"H x 8"L



Engineered concrete  
block and beam  
floor system

## CB-6 6" thick



CB-6 Stretcher  
6"W x 8"H x 12"L



CB-6 Half  
6"W x 8"H x 6"L



CB-4 Stretcher  
4"W x 8"H x 16"L



CB-4 Half  
4"W x 8"H x 8"L

## CB-8 8" thick

## CB-4 4" thick

## CBF

REVIT & SKETCHUP  
FILES FOR ALL OF  
OUR SYSTEMS ARE  
AVAILABLE AT



CADdetails

CADETAILS.COM



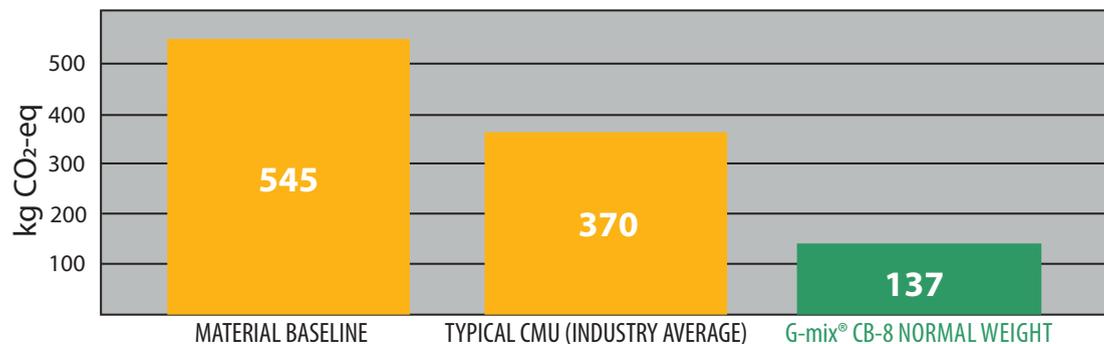
LOW CARBON CONCRETE

When you build with Comfort Block, you build for life. Engineered to maximize sustainability without sacrificing strength and durability, Comfort Block is an environmentally responsible and resource-efficient building material with a smaller carbon footprint than traditional concrete masonry construction.

We manufacture all of our concrete block systems using G-mix®, a low carbon formula that uses up to 55% recycled content and half of the cement traditionally used to produce concrete blocks. G-mix® was developed using proven methods of CO2 reduction with quantifiable, verifiable results. The environmental impact of G-mix® has been third-party tested and ASTM-verified, and the Global Warming Potential of our products is among the lowest in the industry. The carbon footprint of a normal weight CB-8 is over 62% lower than the industry average for concrete masonry units.

### COMPARISON OF CONCRETE MASONRY UNIT GLOBAL WARMING POTENTIAL

\*based on the Carbon Leadership Forum's 2021 Material Baseline Report



### CB-8 NORMAL WEIGHT ENVIRONMENTAL PRODUCT DECLARATION (EPD) DATA

Global Warming Potential (kg CO <sub>2</sub> -eq):	137
Acidification Potential (kg SO <sub>2</sub> -eq):	0.68
Eutrophication Potential (kg N-eq):	0.17
Smog Creation Potential (kg O <sub>3</sub> -eq):	13.5
Ozone Depletion Potential (kg CFC-11-eq):	6.28E-6



# A smaller footprint.

Our Environmental Product Declarations (EPDs), published by ASTM, provide detailed information regarding the environmental impact of our extraction, transport, and manufacturing processes and can be downloaded at [ASTM.org](https://ASTM.org).



# Build for life.®



LEARN MORE AT [COMFORTBLOCK.COM](https://www.comfortblock.com)

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