

BUILDDECK IS THE MOST AFFORDABLE ICF FLOOR, ROOF, & DECKING SYSTEM

Use BuildDeck for insulated floors and roofs including pitched roofs, green roofs, earth covered homes, tilt-up walls, multi-story floors, and safe rooms.

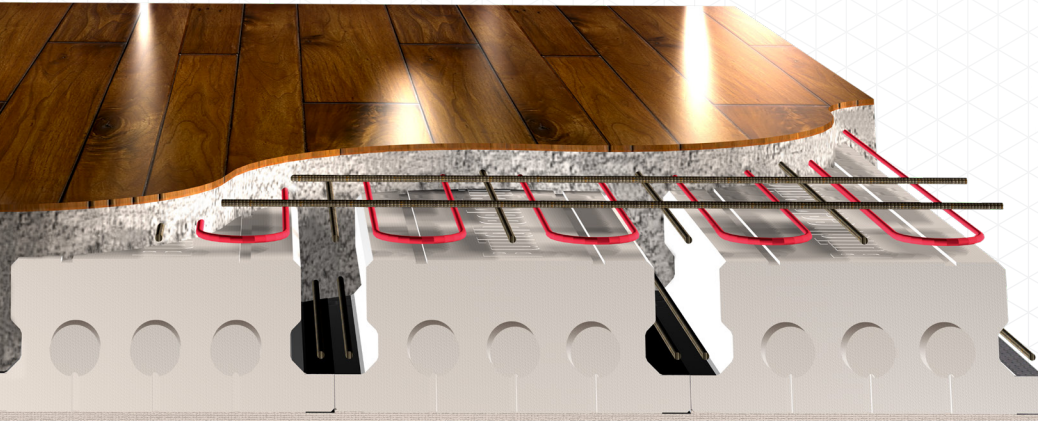
BuildDeck

ROOF & FLOOR SYSTEM

FLOOR & ROOF SYSTEM

WHY BUILDDECK

- Multiple thicknesses to accommodate short and long spans.
- Contributes to high thermal insulation values resulting in reduced energy costs.
- Lowers sound transmission resulting in reduced noise levels.
- Optional integrated attachment strips for ceiling and fixture installations.
- Compatible with hydronic in-floor heating systems.
- Cut lines are numbered every 1-inch.
- Creates a monolithic reinforced concrete envelope providing extreme energy efficiency and protection from natural disasters.
- Strong interlocking cores with a patented drainage system create a stronger and cleaner installation.
- Solid foam design for easy electrical and plumbing installation.
- Form, insulate and frame in one simple step.
- Allows for any finish application top or bottom.
- Compact modular shipping size which minimizes shipping costs.
- The most affordable ICF decking system in the industry.



BUILDDECK FLOOR AND ROOF DECKING SYSTEM

BuildDeck is a lightweight, stay-in-place Insulating Concrete Form (ICF) floor, roof, and decking system. BuildDeck is perfect for site-cast, tilt-up, or precast concrete floors, roofs, decks, and walls for commercial, industrial and residential uses. BuildDeck provides structural integrity through reinforced concrete while providing comfort and sound mitigation through superior EPS insulation.

BUILDDECK IS THE MOST AFFORDABLE ICF FLOOR AND DECKING SYSTEM AVAILABLE.

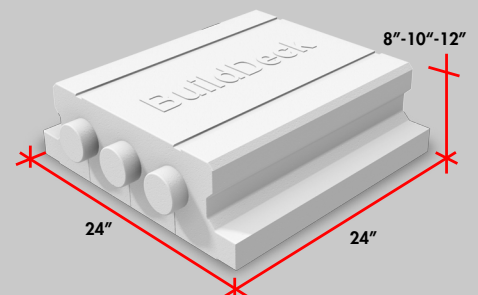


BUILDBLOCK ICF & BUILDDECK BENEFITS

BuildDeck combines the strength of concrete with the energy efficiency of EPS foam insulation to deliver a quiet, safe, and comfortable home. Added to the life safety benefits of an ICF home, this system is the most cost effective way to create your dream home.

- BuildDeck completes the monolithic structure of your concrete home by tying together the foundation, walls, and roof.
- The strength of ICF walls helps protect you, your family, and belongings from severe weather and natural disasters.
- ICFs don't allow air to pass through walls improving air quality and increasing health and well being for occupants.
- ICFs minimize energy used to heat and cool your home. This significantly lowers monthly utility bills by as much as 60%.
- ICFs significantly reduce low frequency noise such as traffic or other urban sounds making your home quieter and more comfortable.
- ICFs also extend the life span of your home's mechanical systems through reducing wear and tear on heating and cooling systems.

BUILDDECK IS AVAILABLE IN MULTIPLE THICKNESSES TO ACCOMMODATE SHORT AND LONG SPANS.

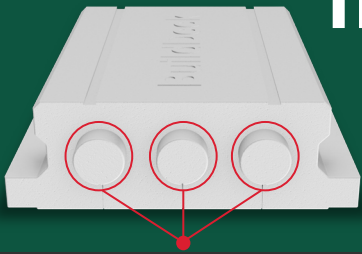


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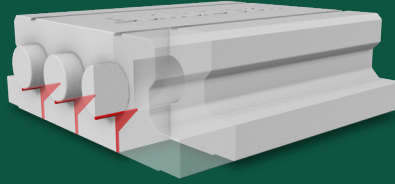
BuildBlock
BUILDING SYSTEMS

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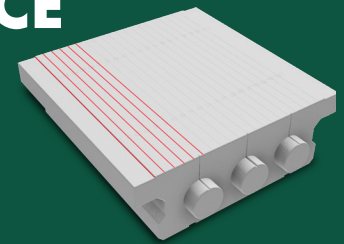
THE BUILDDECK DIFFERENCE



STRONG INTERLOCKING CONNECTIONS



PATENTED INTERNAL DRAINAGE SYSTEM

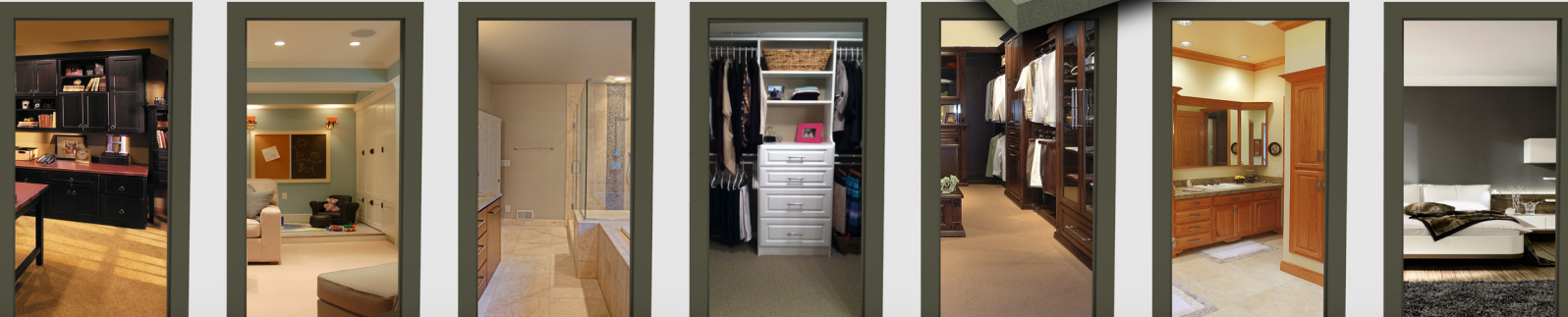
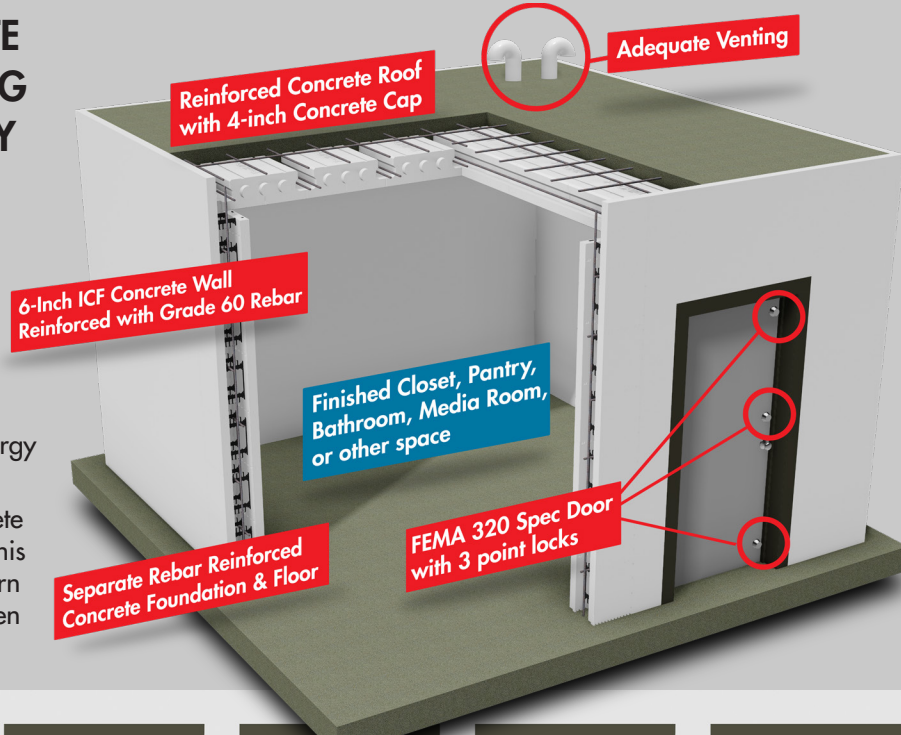


CUT LINES NUMBERED EVERY 1-INCH

USE A BUILDDECK ROOF TO COMPLETE YOUR INSULATED CONCRETE BUILDING FOR THE HIGHEST ENERGY EFFICIENCY AND THE MOST PROTECTION FROM NATURAL DISASTERS.

Current building codes are insufficient to provide adequate protection from tornadoes, hurricanes and other disastrous conditions. Homes built in disaster prone areas need additional protection from the worst Mother Nature has to offer. When building a new home or building with BuildBlock ICFs use BuildDeck to gain increased energy efficiency and protection for your entire family.

BuildDeck completes a seamless monolithic reinforced concrete structure by integrating the wall, floor and roof systems. This envelope creates a safe space during a disaster and can turn your entire home into an energy efficient safe haven when you need it most.



BUILDDECK SAFE ROOMS CREATE SAFE PLACES YOU CAN USE EVERY DAY AS A PART OF YOUR HOME.

BUILDDECK ABOVE GROUND SAFE ROOM BENEFITS

Safe rooms provide protection from injury or death from flying debris caused by high winds during natural disasters such as tornadoes and hurricanes.

ICF safe rooms are an insulated, temperature controlled, comfortable, dry, and safe place to protect you and your family during a disaster.

Extensive testing by Texas Tech University, the United States Military, and other wind engineering research institutes combined with FEMA guidelines demonstrates that walls and ceilings constructed with ICFs will withstand the impact of the deadliest tornadoes and hurricanes.

BuildBlock ICF safe rooms are also a fully functioning part of your home all year round. Whether a closet, interior bathroom, bedroom, or any other space, becomes a practical value every day.

BUILDDECK	HEIGHT	LENGTH	WIDTH	AREA	CONCRETE VOLUME	MAX SPAN	R-VALUE
	8"	24"	24"	4 ft ²	.051111 yd ³	20'	R-25
	10"	24"	24"	4 ft ²	.055854 yd ³	23'	R-31
	12"	24"	24"	4 ft ²	.060432 yd ³	26'	R-38
	12"+2"	24"	24"	4 ft ²	.065062 yd ³	31'	R-45
	12"+4"	24"	24"	4 ft ²	.069693 yd ³	35'	R-51
	12"+6"	24"	24"	4 ft ²	.074323 yd ³	38'	R-58
	12"+8"	24"	24"	4 ft ²	.078953 yd ³	40'	R-64

*Concrete volume based on top cap height of 3". Add .012222 cu. yd. per form for each additional 1-inch. Max spans required a 4" concrete cap, 4000 PSI concrete, 60ksi rebar, 15psf dead load, 40+psf live load, rebar and stirrups as specified by BuildDeck Engineering Manual.