

Surviving the Storm – Are You READY?



According to the National Weather Service, severe storms and resulting losses are increasing.

Isn't it time to consider a Safe Room for you, your family or employees?

What is a Safe Room?

FEMA's definition is a "hardened" room that is intended to provide a space of refuge. It must be a "room within a room" – its walls, ceiling and floor must be structurally separate from the rest of the house, so that even if the surrounding house is destroyed, the safe room will remain intact. It should be easily accessible from any part of your home.

Following FEMA's guidelines and criteria, you can expect "near absolute" protection from winds and debris during a storm with winds as high as 250mph.

Research has shown that you can't get this kind of protection from anything other than reinforced concrete construction.



Why a Quad-Lock Safe Room?

With Quad-Lock walls, a Quad-Deck roof and reinforced concrete, you can build a completely integrated, "hardened room" to keep you and your loved ones safe in the event of a natural disaster.

A Quad-Lock safe room can easily be integrated into any new home design. Alternatively, you can retro-fit a Quad-Lock safe room into your existing home.

A safe room can also be used as a secure place for your valuable possessions.

Quad-Lock ICF construction provides:

- **High Wind Resistance** – reinforced concrete rooms built to FEMA's guidelines stand up to winds as high as 250mph.
- **Impact Resistance** – reinforced concrete structures can withstand the impact of most flying debris from extreme winds with little or no structural damage
- **High Fire Rating** – Walls rated at 3 hours (with 6" concrete wall thickness)

Quad-Lock Interior Safe Room



Photo Courtesy of Structural Concepts, MS

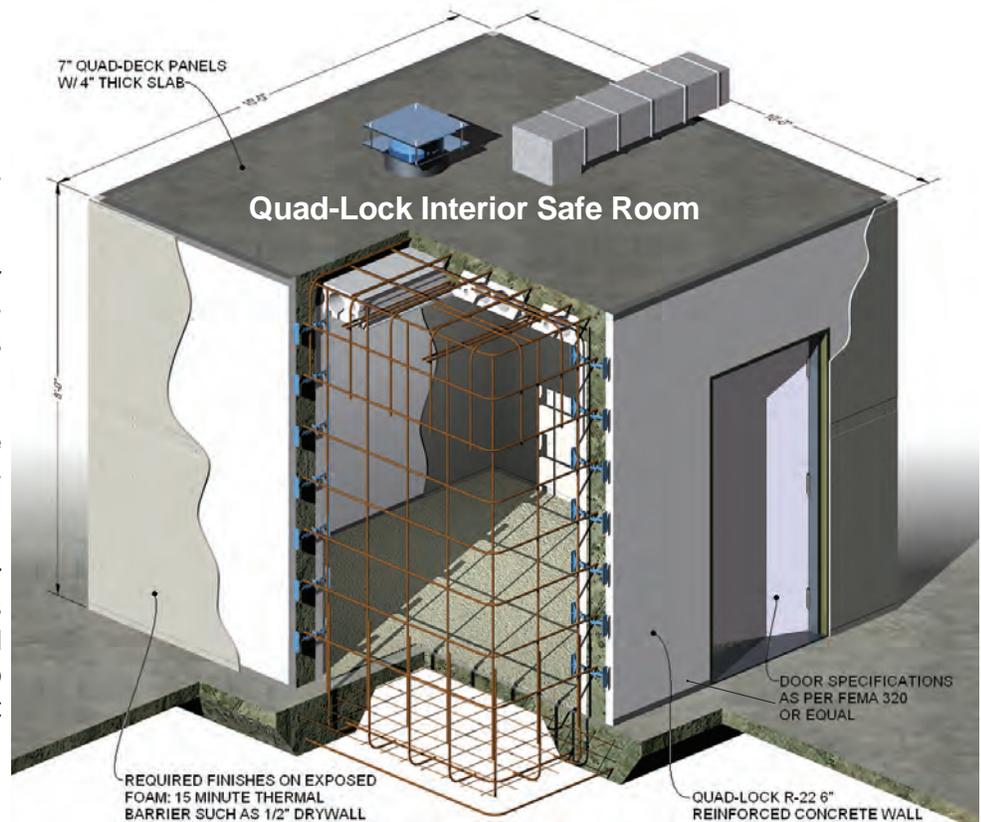
QUAD-LOCK®

The Bottom Line: A Quad-Lock Safe Room is THE Concrete Solution

Quad-Lock ICF Safe Room Kits* Available in 8'x8', 10'x10' and 12'x12' Sizes

Safe Room Considerations:

- Safe room must be adequately anchored to resist overturning and uplift.
- Walls, ceiling and doors of the shelter must withstand wind pressure and resist penetration by wind-borne objects and falling debris.
- Connections between all parts of the safe room must be strong enough to resist high-velocity winds.
- Sections of either interior or exterior residence walls that are used as walls of the safe room, must be separated from the structure of the residence so that damage to the residence will not cause damage to the safe room.



"Every year, tornadoes, hurricanes, and other extreme windstorms injure and kill people, and cause millions of dollars worth of property damage in the United States. Even so, more and more people build homes in tornado- and hurricane-prone areas, possibly putting themselves into the path of such storms. Having a safe room built for your home or small business can help provide "near-absolute protection" for you and your family or employees from injury or death caused by the dangerous forces of extreme winds."

Source FEMA 320

You May Be Eligible for Financial Assistance:

Homeowners who receive a disaster assistance loan from the U.S. Small Business Administration (SBA) to repair or rebuild a damaged or destroyed home may use some of the loan proceeds to construct a safe room. **The SBA can also increase the approved disaster loan by up to 20 percent to cover the cost of adding a safe room.** (Safe Room grants vary based on location. Please consult your local Emergency Management Office for more information.)

For more information on **FEMA 320**, you can download the complete "Taking Shelter from the Storm: Building a Safe Room Inside Your House" document from the FEMA website at <http://www.fema.gov/plan/prevent/saferoom/fema320.shtm>. For more information on Impact Testing, you can download PCA's Technology Brief No. 7 "Concrete Homes Built-in Safety" at <http://www.cement.org/homes/brief07.asp>.

Call us today at 888-711-5625 or visit www.quadlock.com



MEMBER
CHBA



*Note: Kits include ICF Wall & Roof components only. Concrete, rebar, doors, etc. available from your local provider.

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QUAD-LOCK®

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