



REINFORCED MASONRY vs. HURRICANES & TORNADOES

Today's storms are more intense and more frequent, resulting in an increase of deaths and financial loss. Buildings and structures with resilient design and materials are not only better able to withstand and recover following disasters such as hurricanes and tornadoes, products such as concrete and masonry are durable, environmentally friendly and use less embodied energy. Masonry can be used in a variety of applications; the choice of a building's envelope will define a building's performance in a major disaster. This presentation will discuss how the resiliency of masonry can help reduce long-term cost of repairs following a disaster as well as demonstrate how masonry can impact high-performance design while contributing to the health, safety and welfare of the building occupants. Build better to weather the storm!

Learning Objective #1:

Identify concrete masonry's inherently sustainable qualities.

Learning Objective #2:

Discuss USRC's three dimensions of safety, damage and recovery, and the effects of resilient construction.

Learning Objective #3:

Review "lessons learned" regarding design and construction failures during several past hurricanes and tornadoes, while defining the type of wall structure can impact an entire community.

Learning Objective #4:

Learn how the use of concrete masonry products can potentially contribute to sustainable and economical building projects.

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