



# TESTING & INSPECTIONS

## ICC 500



Manufacturers of high-performance storm shelter doors have a unique set of safety standards that must be met in order to provide consumer protection in areas where tornadoes and hurricanes are a part of life.

ICC 500 outlines the standard for design and construction of storm shelters and is considered the primary standard for storm safe rooms, storm shelters, and hurricane impact doors. The standard gives the minimum requirements to safeguard safe room occupants from conditions commonly experienced during tornadoes and hurricanes.

Testing for storm shelter doors, walls, and other components is a crucial step in adhering to the standards set forth in the code. ICC-ES performs tests in accordance with ICC 500, as well as FEMA P-320 and FEMA P-361, for manufacturers of high-performance storm shelters and components, including, but not limited to:

- ▶ Code Compliance
- ▶ Windborne debris impact resistance for tornados and hurricanes
- ▶ Wind load testing
- ▶ Uniform static air pressure
- ▶ Missile impact
- ▶ Air infiltration
- ▶ Water infiltration



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