

INSPECTION CHECKLIST

Company Name:

Shelter Model:

Approved Installer Name:

Installer Signature:

Owner's Name:

Address:

City:

State:

Zip Code:

Coordinates of Shelter:

Latitude:

Longitude:

Additional Details about the property.
(Pictures may be attached)

Owner's Signature:

List of Inspection Criteria for Residential Tornado Safe Rooms

General Criteria for Compliance

Confirm purchaser obtained permit, if required

Confirm shelter is not over underground utility lines & is 3' from property line.

Confirm shelter is not more than 150' from exterior of main residence.

Confirm shelter is not located near telephone or power poles & large trees.

Confirm shelter is not near propane, fuel or large chemical tanks or gas natural gas meters.

Confirm ventilation vents are NOT blocked in any way.

Flood Elevation Criteria

Confirm safe room is not located in a Special Flood Hazard Area (SFHA), commonly referred to as the 100 year flood plain. (This information is available online & typically mapped on FEMA's Flood Insurance Rate Maps)

Confirm it meets the requirements of the local jurisdiction, if applicable.

Foundation Inspection

Confirm new foundation (slab) meets any engineering recommendation(s) required by the manufacturer.

Confirm if set of existing foundation has a minimum compressive strength of 2500 psi

Confirm if set on existing slab, a minimum average foundation thickness of 3 1/2 inches.

Confirm slab has minimum steel reinforcement of #4 rebar, 18" on centers, in two perpendicular directions or has 6' x 5" - W 1.4 x W 1.4 welded wire reinforcement. (You will need to confirm this with a device such as a Ground Penetrating Radar?)

Anchor Inspection for Epoxy-Down Concrete Safe Rooms

Confirm slab is reasonably level, not out of level over 1/2 inch in 4 feet.

Scarify a 4" Wide strip (match prefab wall thickness) around entire outline, a gap of up to 4" in each corner is suitable for drainage.

Confirm removal of all debris by sweeping, vacuuming or blowing area to provide a clean and dry surface to place epoxy.

Confirm epoxy is mixed per manufacturer's instructions (wearing gloves) spread epoxy over scarified outline.

Confirm epoxy is no more than 1/2" thick and safe room makes adequate contact on all edges.

Anchor Inspection for Steel Safe Rooms

Confirm anchor type and specifications meet the manufacturer's recommendations. Shelter manufacturers or installers should not change anchor type without engineering approval.

Confirm that drilled holes for anchors did not penetrate slab. If drilled through, plug bottom with epoxy.

Confirm expansion and screw anchors are torqued to manufacturer's specifications.

Confirm holes drilled were done with carbide bit (do not use diamond bit).

Confirm that drilled anchor holes have used the Blow-Brush-Blow practices for hole preparation or vacuumed.

Confirm epoxy anchors have set for recommended time before installing, it is a good practice to have excess epoxy showing at top of hole, to confirm hole was completely filled.

Manufacturer Checklist

Confirm all vents and vent covers are properly installed and clean.

Confirm all bolts used for assembly are tightened or torqued properly.

Confirm the door and all door hardware is installed properly, thoroughly test door swing and locking mechanisms.

Install accessories per manufacturer's specifications.

Place NSSA SEAL on door in visible site.

Assure location is clean and no tools or hazards are left behind.

Discuss and answer all Homeowner's questions about the operation and ongoing maintenance of the safe room.

Discuss all aspects of the warranty and suggest safety precautions such as flashlights, whistles or cell phones.