



INSTALLATION INSTRUCTIONS Storm Shield 4, 6, and 8

FOR NON-FLUID BACKFILL ONLY

1: Dig a hole Approximately 7ft. long(8'-SS6, 9'6"-SS8), 12 ft. wide and 6 ft. 3 in. deep sloping the dirt to fit the stairs. Insure that the bottom is level with sand or pea gravel. Install drainage tile as required.

2: Insert 2 each 2" diameter schedule 40 steel pipes 10 ft. Long or equivalent into the pipe tubes on the bottom of the shelter. Place in hole. Make sure the shelter is level. Place enough sand or pea gravel backfill in the hole to bring grade up to the top of the steel pipes. Place the Anchor Mats over the pipes on both sides of the tornado shelter. Sand ***MUST BE hand packed*** under unit where seat is molded to avoid unnecessary settling. Not doing so will forfeit unit Warranty.

3: Double check to make sure the shelter is level. Slowly backfill with clean fill dirt. Tamp pack the dirt firmly around the sides of "The Storm Shield" tornado shelter in 12" lifts being careful not to leave any air-void pockets around the shelter or beneath the shelter steps and molded seat area.* Use sand or pea gravel in inaccessible areas. **Firm Tamping of the backfill is required over the Anchor Mats or the unit will float out of the ground.**

*Special considerations and extra caution should be given to any mechanical tamping of the backfill. Damage to the shelter can result from excessive hydraulic pressure around the Fiberglass shelter body or from not hand-packing the area under seat. **Mechanical tamping of backfill over the top of the shelter will cause damage.** Backfill to a depth of 8" to 10" with fill dirt over the top of the shelter body.

4: Hand fill topsoil for the remaining 2-4 inches. **Insure that water drains away from the door opening maintaining a drop not more than 6 inches in 3 feet [2:12 slope] for at least 3 feet outside the perimeter of the shelter body.**

5: Allow backfill to settle for several rains. Then, add any additional soil prior to landscaping and planting of sod.



Storm Shield

Mfg. by Containment Systems, Inc
921 Monroe Street, Paducah, KY 42002
Phone/Fax: 270-575-9804

