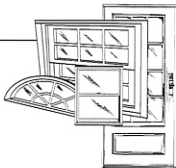


CERTIFIED TESTING LABORATORIES

Architectural Division • 7252 Narcoossee Rd. • Orlando, FL 32822
(407) 384-7744 • Fax (407) 384-7751
Web Site: www.ctlarch.com
E-mail: ctlarch.com



Report No.: CTLA 1913W-2
Report Date: December 8, 2008

Client: **TornadoSafeRoom, Inc.**
8325 Hwy. 96 East
Murfreesboro, TN 37130

STRUCTURAL PERFORMANCE TEST REPORT

Product Type and Series: **Galvanized Steel 4 Panel 7 person (120" wide x 55" high x 30" deep)
TornadoSafeRoom®**


Test Specifications: **FEMA 361 "Design and Construction Guidance for Community Shelters"
Reference Section 6.1.1**

Project Scope: Mr. Floyd Arnold contacted Certified Testing Laboratories (CTL) with regards to conducting testing on one (1) TornadoSafeRoom®. The test method requested is described in the test specifications listed above.

Test Specimen Fabrication: The TornadoSafeRoom® was fully assembled at Certified Testing Lab. facility by the client. The specimen was secured at the base and tested on a solid concrete foundation with 1/2" x 4" Ramset/Red Head LDT anchor bolts.

Additional Description: The TornadoSafeRoom® measured 120" wide x 55" high x 30" deep. The TornadoSafeRoom® side plates, back plates, front plates and door were constructed of 10 gage galvanized steel. The roof plate was constructed of 1/4" thick carbon steel. Each plate flange joint was bolted together with grade 8 - 1/2" x 1 1/4" hexagon bolts and nylox nuts. The door was mounted to the TornadoSafeRoom® with two (2) steel custom pin hinges. One (1) operable hinged door measured 30" wide x 55" high. Two (2) steel angles were secured to the exterior face of the door. Each angle measured 2 1/2" wide x 2 1/2" high x 1/4" thick x 31 1/2" long and were located at 5.000" center line from top and bottom of door. Three (3) 1/2" x 35" long cold rolled steel rods were utilized to latch door. Refer dated 7/25/08 signed and sealed by this laboratory.

Handwritten signature and date:
12/11/08



Performance Test Results

FEMA 361

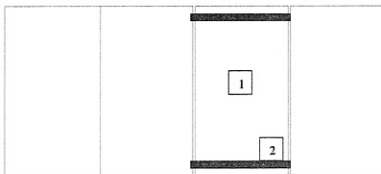
At the Client's request product was impacted in accordance with FEMA 361 Section 6.1.1 with a 12 ft. 15 lb. 2" x 4" @ 100 MPH (147 FPS) at the following locations:

Note:

X- measurement from left edge of test specimen.

Y- measurement from top edge of test specimen.

Front



Back



Specimen 1:	Impact No.	Speed ft/sec.	X Meas.	Y Meas.
	1.	148.2	76.000"	28.000"
	2.	148.0	83.000"	43.000"
	3.	147.9	15.000"	27.000"
	4.	148.2	24.000"	49.000"

Results: None of the impacts penetrated the specimen and the TornadoSafeRoom® door remained operable.

Handwritten signature and date:
12/11/11

Test Date: August 14, 2008

Remarks: Detailed drawings were available for laboratory records and comparison to the test specimen at the time of this report and will be retained by CTL for a period of four (4) years. The results obtained apply only to the specimen tested.

Certified Testing Laboratories certified that the 7 person (120" x 55" x 30") TornadoSafeRoom®, when manufactured to the specifications called out on the drawings signed and sealed by this laboratory, will meet the criteria established by this test report.

Certified Testing Laboratories assumes that all information provided by the client is accurate and that the physical and chemical properties of the components are as stated by the manufacturer.

Certified Testing Laboratories, Inc.

Client Present:

Floyd Arnold - TornadoSafeRoom, Inc.

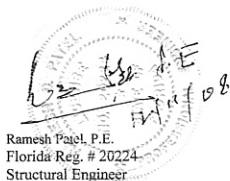
Testing Performed & Witnessed by:

Ted Scanlon - CTL

Gary Nations - CTL



Jonathan Pittenger
Lab. Technician
Architectural Division



Ramesh Patel, P.E.
Florida Reg. # 20224
Structural Engineer

cc: TornadoSafeRoom, Inc. (10)
Ramesh Patel P.E (1)
File (1)