



CONCENTRATED LOAD TEST

CLIENT: AIR GUARD
DATE: April 14, 2010
PANEL: CC1250 /AIR GUARD CABLE SEAL

Access Flooring Cable Seals: "Air Guard" Flush Mount.

1. Part Number: 116-800-001.
2. Description:
 - a. Reduce air loss in plenum-cooled access flooring and increase under-floor static pressure when access holes are required for cable routing through floor.
 - b. Seal cable openings with overlapping nylon brush cover to prevent under-floor contamination.
 - c. Removable nylon back brush to allow removal of floor tiles without disconnecting cables.
 - d. Heavy-duty spring-loaded latch to remove and replace nylon back brush.
 - e. Integrated trim to protect cables in accordance with 2008 NFPA 70, 645.5.D(5).
3. Operation:
 - a. After access flooring cable seals are installed into floor tile, pinch latch to remove nylon back brush.
 - b. Insert and place cables into opening.
 - c. Reattach nylon back brush to access flooring cable seals by locking it back into place.
4. Material: ABS polycarbonate, flame retardant with UL flammability rating of V0, and Nylon #6 bristles with anti-static properties.
 - a. Surface: Textured.
5. Overall Dimensions:
 - a. Width including Flange: 6.37 inches.
 - b. Length including Flange: 12.90 inches.
 - c. Depth: 1.48 inches.
 - d. Cut-Out for Edge Installation: 5.25 inches by 10.375 inches.
 - e. Cut-Out Edge for Integral Installation: 4.5 inches by 10.375 inches.

Loads were applied to the top surface of the protective cover plate in the center with a hydraulic cylinder and measured with a calibrated Omega Load Cell, Serial # 0952156. The load was transmitted to the protective cover plate with a round indenter with a footprint contact area of two square inches.

The resultant deflections were measured by digital gauges placed directly in line with the applied load above the center of the protective cover.

A member of



Tate Access Floors, Inc.
7510 Montevideo Road
Jessup, MD 20794

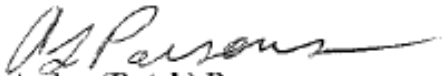
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Results:

Loads in pounds:	Deflection in inches:
50	.075
100	.128
150	.190
200	.257
250	.362
300	.490
343	Broke and would not accept any additional loading



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4" X 10" WITH COVER

Co 4 1/2 X 10 1/2 TATE ACCESS FLOORS, INC.

FINISHED PRODUCT PERFORMANCE AUDIT STATIC AND ULTIMATE LOAD

LOAD LBS	LOCATION CENTER		LOCATION EDGE		ULTIMATE LOAD	ULTIMATE LOAD 2 X 2 CORNER	BROKEN WELDS LOCATION AND WEIGHT BROKEN	CRACKLING NOISE LOCATION AND WEIGHT NOISE HEARD (SPECIFY)
	T	B	T	B				
250 50	.085	.075					n/a	n/a
500 100		.128						
750 150		.190						
1000 200		.257						
1250 250		.312						
1500 300		.49						
1750 350	.34	.320						
2000								
2250								
2500								
2750								
3000								
3250								
3500								
3750								
4000								
4250								
4500								
4750								
5000								
5250								
5500								
5750								
6000								
6250								
SET								

Date Filled: _____

Date Tested: _____

Auditor Name: _____

Understructure: _____

Panel Type: _____

Panel #: _____

Steel Gages: Top _____ Bottom _____

Fill Mix: _____

Panel Weight: _____