



CONCENTRATED LOAD TEST

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

Access Flooring Cable Seals: Air Block.

1. Part Number: 116-800-010.
2. Description:
 - a. Two piece circular floor grommet made with ethylene propylene diene M-class rubber (EPDM) gasket material for sealing around cables going through access flooring.
 - b. Mechanically locks into a 6.0" diameter hole in the access floor panel via two toggle screws located on the top surface of the grommet. Exposed screws are finished with a plug cap that matches the grommet surface.
 - c. Grommet splits into two sections, making installation quick and easy; no fishing cables through the grommet.
 - d. Standard gasket has four removable cable knock-outs. Custom gaskets furnished upon request.
 - e. Engineered Safety Cover is designed to eliminate jobsite issues and protect cable and gasket area when the grommet is not in use.
3. Material: ABS polycarbonate, flame retardant with UL flammability rating of V0, and gasket material.
 - a. Surface: Textured.
4. Dimensions:
 - a. 6.0" diameter

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.

Loads in pounds:	Deflection in inches:	Loads in pounds:	Deflection in inches:
50	.019	400	.159
100	.044	450	.183
150	.059	500	.203
200	.082	550	.221
250	.097	600	.241
300	.122	650	.257
350	.135	700	.276




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Page 2 continued:

Loads in pounds:	Deflection in inches
750	.286
800	.304
850	.331
900	.347
950	.370
1000	.385
1050	.420
1100	.445
1150	.473
1200	.507
1250	.567
1300	.613
1304	Broke and would not accept any additional load.



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A member of



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2 1/2 x 4 1/2 COVER
6" DIA OPENINGS

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		.019					n/a	n/a
500 100		.044						
750 150		.059						
1000 200		.082						
1250 250		.097						
1500 300		.122						
1750 350		.135						
2000 400		.159						
2250 450		.183						
2500 500		.203						
2750 550		.221						
3000 600		.241						
3250 650		.257						
3500 700		.276						
3750 750		.286						
4000 800		.304						
4250 850		.321						
4500 900		.347						
4750 950		.370						
5000 1000		.385						
5250 1050		.420						
5500 1100		.446						
5750 1150		.473						
6000 1200		.507						
6250 1250		.567						
SET 1300		.613	BROKE AT		1304			

Date Filled: _____

Date Tested: _____

Auditor Name: _____

Understructure: _____

Panel Type: _____

Panel #: _____

Steel Gages: Top _____ Bottom _____

Fill Mix: _____

Panel Weight: _____