



8908 Ambassador Row, Dallas, TX 75247
 2696 Gravel Drive, Fort Worth, TX 76118
 6300 Rothway, Ste. 150, Houston, TX 77040
 Corporate Phone: (214) 630-9745

Client: Seo Kyung TSC Co.
 Project No.: 049594

Purchase Order No.: N/A
 Date of Service: 11/30/2004
 Report No.: 901737

Project: **AXB 242 Cast Aluminum Panel (3,000 lb. Design Load)**
 Identification: Rolling Load Test of Access Flooring Systems
 Test Method: CISCA Recommended Test Procedures, Section III

General

The Rolling Load Test was performed utilizing a test machine of Rone Engineers, Ltd. design to meet the requirements of CISCA Recommended Test Procedures, Section III.

Rolling Load Test

An imposed load of 3,000 lbs. (assumed dynamic load of 4,200 lbs.) was run over the panels a total of 10,000 passes utilizing a 6" x 2" Polyurethane wheel. A mockup of the panel system was assembled with three (3) panels end to end with the center panel being the test panel. The test was performed with the panel system set at 12 inches F.F.H. The caster path was located at the panel center. Results are given below.

LOCALIZED DEFORMATION: 6" STRAIGHTEDGE MEASUREMENT			
Location	No. Passes / Deformation (in.)		
	500	5,000	10,000
Point 1: 1/2 " From Edge 1-2	0.002	0.002	0.003
Point 2: 4" From Edge 1-2	0.002	0.002	0.002
Point 3: 8" From Edge 1-2	0.003	0.005	0.005
Point 4: 12" From Edge 3-4	0.000	0.000	0.001
Point 5: 6" From Edge 3-4	0.003	0.004	0.004
Point 6: 1/2" From Edge 3-4	0.002	0.003	0.003

BEAM DEFORMATION: 32" STRAIGHTEDGE MEASUREMENT			
Location	No. Passes / Deformation (in.)		
	500	5,000	10,000
Edge 1-2, Perpendicular to Caster Path	0.000	0.020	0.020
Edge 3-4, Perpendicular to Caster Path	0.009	0.009	0.014
Edge 2-3, Parallel to Caster Path	0.001	0.003	0.003
Edge 4-1, Parallel to Caster Path	0.000	0.000	0.001
Diagonal 1-3	0.010	0.011	0.013
Diagonal 2-4	0.011	0.014	0.015

LIMITATIONS: The test results presented herein were prepared based upon the specific samples provided for testing. We assume no responsibility for variation in quality (composition, appearance, performance, etc.) or any other feature of similar subject matter provided by persons or conditions over which we have no control. Our letters and reports are for the exclusive use of the clients to whom they are addressed and shall not be reproduced except in full without the written approval of Rone Engineers, Ltd.