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Client: Seo Kyung TSC
Project No.: 049594
Report No.: 901687
Purchase Order No.: N/A
Date: Oct. 28, 2004
Project: **AHB 242 Cast Aluminum Panel**
Identification: Rolling Load Test of Access Flooring Systems
Method of Test: 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 Section III recommended procedures.

Rolling Load Test

An imposed load of 1500 lbs. (assumed dynamic load of 2100 lbs.) was run over the panels a total of 10,000 passes utilizing a 6" x 2" polyurethane tread 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 finished floor height.

Given below is a summary of the test performed. The deformation shown is the greatest deformation measured for each number of passes for both localized and beam deformation.

Rolling Load Test Results		
Number of Passes	Localized Deformation (in.)	Beam Deformation (in.)
500	0.003	0.005
5,000	0.003	0.005
10,000	0.003	0.002

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.