**The Original Metal Studded Rubber Flooring**

**The Acknowledged Answer to Freight Elevator Flooring Problems**

**TEST PROCEDURE:** ASTM F970-07, *Standard Test Method for Static Load Limit* (conducted at 1,500 lb)

**TEST RESULTS:** Test results are presented in the subsequent pages of this report.

## Test Procedure and Results

Testing was conducted on three (3) 2" X 2" squares of the received material. The initial thickness of each specimen was measured with stud in the center and recorded. The 2" X 2" indenter plate was placed on top of the 2" X 2" specimens with the 1.125 in. diameter surface flat against the wear layer of the specimen. The remaining specimens and indenter plates were stacked in accordance with ASTM F970-07, Section 7.3. The stack of specimens were squared and centered under the plunger of the indentation machine. The load was applied according to the detail specification by lowering gently, without impact.

After a period of 24 ± 0.25h, the specimens were removed from the indenter machine and separated from the indenter plates. The individual specimens were laid on a horizontal surface for another 24 ± 0.25h period. At the end of this 24 ± 0.25h period the final thickness, with stud in the center was measured and recorded.

The residual indentation for each specimen was calculated by calculating the difference of the initial thickness measurement and the final thickness measurement.

Results from this test are reported in Table 1 at 1,500 lb.
All measurements were taken at the steel stud.

**Static Load Resistance:**

| | |
|---|---|
| Load Used During Testing: | **1,500 lb** |
| Indentation (Load) Time: | 24 hours |
| Recovery Time: | 24 hours |

**Table 1- Results**

| Sample No. | 1 | 2 | 3 | Average |
|---|---|---|---|---|
| **Initial Thickness, in.** | 0.1600 | 0.1605 | 0.1584 | - |
| **Final Thickness, in** | 0.1599 | 0.1603 | 0.1584 | - |
| **Residual Indentation, in.** | 0.0001 | 0.0002 | 0.0000 | **0.0001** |

***** END OF TEST REPORT *****