

May 31, 1988

GEOTECHNICAL, ENVIRONMENTAL & CONSTRUCTION MATERIALS CONSULTANTS

L & M Construction Chemicals 14851 Calhoun Road Omaha, NE 68152

Attention: Mr. Larry Schwietz

Subject: Skid Resistance Testing on Seal Hard Law Engineering Job No. AM11464.01

Gentlemen:

Law Engineering is pleased to submit this report concerning testing performed on Seal Hard. A sample of Seal Hard was sent to Law Engineering's Atlanta facility by Mr. Larry Schwietz of L. & M. Construction Chemicals. At his request, skid resistance tests in accordance with ASTM E303 were conducted on this sample. Included in this report are the procedures followed and the results obtained.

PROCEDURE:

A 12" X 11 1/2" concrete slab was used as the surface on which the Seal Hard was applied. In order to remove any foreign material from the surface, the slab was washed with detergent and then etched with a mild hydrochloric acid. The slab was marked off into three sections to ensure that the same areas were tested before and after the application of Seal Hard. Skid resistance tests using a British Pendulum Tester were then carried out on the three marked areas. The slab was subsequently coated with Seal Hard, allowed to dry, and followed by a second coat. The skid resistance tests were once again performed on the three areas after the second coat had cured.



RESULTS -

READING

Uncoated Slab

| Test area | 1 | 2 | 3 | 4 | Average |
|--|----|----|----|----|---------|
| Print, digital basis baras parks pripe parks gards gards | | | | | |
| 1 | 79 | 79 | 79 | 78 | 78.75 |
| 2 | 75 | 75 | 75 | 75 | 75.00 |
| 3 | 76 | 78 | 78 | 77 | 77.25 |

Surface Temperature: 71° F

READING

<u>Coated</u> <u>Slab:</u>

| Test area | 1 | 2 | 3 | 4 | Average |
|-----------|----|----|----|----|---------|
| | | - | | | |
| 1 | 77 | 76 | 75 | 74 | 75.50 |
| 2 | 74 | 74 | 73 | 72 | 73.25 |
| 3 | 74 | 74 | 72 | 71 | 72.75 |

Surface Temperature: 72° F

The above values represent British Pendulum Tested Numbers (BPN), and do not necessarily correlate to other instruments used to measure frictional properties.

Law Engineering appreciates the opportunity to provide for your testing needs. If you have any questions concerning this report, or if we can be of any further service, please feel free to call us at (404) 873-4761.

Respectfully submitted, Law Engineering

Hunter Coleman

Laboratory Technician

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HC: CAC/sjw