

February 10, 2010

**SUBJECT:** Coefficient of Friction testing wet and dry on First Choice Safety Flooring

**COEFFICIENT OF FRICTION, ASTM D 1894-99 (MODIFIED)**

Procedure: Two specimens were prepared from each submitted sample by mounting a 2" x 2" section on a steel plate. Each specimen was pulled at 6 in/min. across the smooth side of a rubber shoe sole provided by the customer. The sample was loaded with a 200 gram weight. The average was reported.

**RESULTS:**

<b>Results</b>	<b>First Choice Safety Flooring</b>
Dry Static, $\mu$	0.916
Dry Dynamic, $\mu$	0.853
Wet Static, $\mu$	0.882
Wet Dynamic, $\mu$	0.836

**DISCUSSION:**

It is generally recognized by OSHA that a walking surface have a minimum surface coefficient of friction (COF) value of 0.5. Also, the National Fire Protection Association requires a minimum COF of 0.68 under wet conditions for a "safe surface".

**TESTING PERFORMED BY:** AKRON RUBBER DEVELOPMENT LABORATORY, INC