

# **ABIC TESTING LABORATORIES, INC.**

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To: TotTurf  
Mr. Steve Scaturro

October 15, 2010

From: Leonard Mackowiak

Subject: Static Coefficient Of Friction Testing  
Project No 5398-01

## **Introduction**

ABIC Testing Laboratories, Inc. was authorized to test the following flooring samples for static coefficient of friction (SCOF). The coefficient of friction determination was made using the James Machine as specified in ASTM D-2047. Testing was conducted using dry and wet leather.

- TotTurf TPV
- TotTurf Aromatic

## **Results:**

### **Test Product: TotTurf TPV**

<b><u>Shoe Type</u></b>	<b><u>SCOF Values</u></b>	<b><u>Average SCOF</u></b>
Dry Leather	.95, .90, .90, .95 .93, .94, .94, .95 .96, .90, .94, .93	0.9
Wet Leather	1.08, 1.05, 1.05, 1.07 1.06, 1.05, 1.05, 1.06 1.05, 1.06, 1.08, 1.07	1.1

### **Test Product: TotTurf Aromatic**

<b><u>Shoe Type</u></b>	<b><u>SCOF Values</u></b>	<b><u>Average SCOF</u></b>
Dry Leather	.95, .95, .94, .96 .95, .94, .95, .95 .97, .93, .95, .95	0.9
Wet Leather	1.10, 1.04, 1.05, 1.06 1.07, 1.07, 1.06, 1.06 1.07, 1.07, 1.08, 1.05	1.1

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**Discussion**

It is generally recognized that a walking surface must have a static coefficient of friction of 0.5 or greater to be considered slip resistant with dry leather. In our evaluation the TotTurf TPV and TotTurf Aromatic materials meet this standard with dry leather.

Respectfully submitted,



Leonard Mackowiak  
Vice President