

TEST REPORT

CLIENT: Rubber Wholesalers
PO Box 128
Ranger, GA 30734

REPORT NUMBER: 30039

LAB TEST NUMBER: 1694-1477

DATE: October 1, 2003

INTRODUCTION: A sample of Rubber Wholesalers *Rubber Walk* was submitted by Mr. Terry Harris, representing the client, for testing to determine the drop height at which G_{max} would not exceed 200 nor HIC exceed 1,000 using the mat and test method described below.

TEST METHOD: ASTM F 1292, *Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment.*

PROCEDURE: Representative playground surface systems or surfacing material samples, or both, are tested according to ASTM Test Method F 355, Procedure C (metal head-form) at various drop heights and temperatures. The test method will determine the maximum drop height at which the G_{max} does not exceed 200 nor HIC 1000. The testing was performed in a lab environment on a 2' x 2' sample. The mat was tested over a concrete sub-base. Several heights were tested but the data presented represents that which was just below 200 G_{max} , HIC below 1,000 and is the average of the second and third drops in the same location. The first drop is for conditioning and is not a part of the average.

MATERIAL TESTED:

Pad	<i>Rubber Walk Safety Surface</i>
Thickness	1 1/2"
Base	Concrete

TEST RESULTS: Rubber Wholesalers Rubber Walk / Concrete

Pad	Test Date	Time	Location	Temp.	Drop Ht.	Drop#2-g's/HIC	Drop#3-g's/HIC	Av. G_{max} /HIC
1 1/2"	9/30/03	8:45A	Lab	71 F	4'0"	164/923	165/947	165/935
1 1/2"	10/1/03	1:05P	Lab	30 F	4'0"	165/946	166/956	166/951
1 1/2"	10/1/03	4:35P	Lab	120 F	4'0"	159/954	162/972	161/958