



TEST REPORT

Date: 6/23/2005

TEST NUMBER: 096262

CLIENT	Sport Surface Specialties
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TEST METHOD CONDUCTED	ASTM F1292-04 Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Duraturf 5" Poured In Place
COLOR	Green/Black
ROLL	-----
CONSTRUCTION	Rubber
FIBER	-----
BACKING	-----
REFERENCE	

GENERAL PRINCIPLE

A test specimen is impacted at a specified velocity with a missile of given mass and geometry. A transducer mounted in the missile monitors the acceleration time history of the impact, which is recorded with the aid of an oscilloscope or other recording device. The 20 lb. missile was dropped at the appropriate height. The GMAX values, HIC (head impact criteria) are recorded for three drops. The second and third drops are averaged. Testing was conducted at three temperatures as listed on the results. The maximum criteria for passing a drop height is 200 gmax or 1,000 HIC.

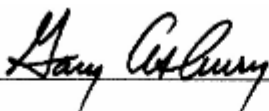
TEST RESULTS

Tested at 72° F	DROP 1	DROP 2	DROP 3	AVERAGE OF DROPS 2 AND 3
GMAX	121	123	125	124
HIC	956	967	972	970

Tested at 30° F	DROP 1	DROP 2	DROP 3	AVERAGE OF DROPS 2 AND 3
GMAX	120	121	122	122
HIC	960	953	960	957

Tested at 120° F	DROP 1	DROP 2	DROP 3	AVERAGE OF DROPS 2 AND 3
GMAX	114	115	118	117
HIC	861	866	885	876

* Submitted samples subjected to a drop height of 12 feet.

APPROVED BY: 

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