



Artificial Turf Surface Lab Test Report

Test Date: January 5, 2010

Report Date: January 8, 2010

Methods: ASTM F 355: Standard Test Method for Shock-Absorbing Properties of Playing Surface Systems and Materials, Procedure A. Thirty-three consecutive drops were made on a freshly reconditioned FIELDturf surface with 2" fiber and 38 mm of standard rubber/sand infill. The same sample of 15 mm Brock SP15 was placed underneath the turf sample for all trials. The first three tests were performed with a 1 minute time interval. The next 30 drops were made 5-15 seconds apart. After reconditioning the surface, a repeat 33 drop series was performed. The data presented represent the average of the two trials for each of the 33 drops. Intertrial variability of 3.2% was estimated using the RMSE (root mean square error) statistic. Tests performed by Jennifer Himmelsbach, M.S.

Brock SP15 15 mm + 2" FIELDturf with 38 mm rubber/sand Infill	
Drop	G max
1	70.5
2	80.5
3	86.4
4	88.2
5	90.1
6	91.3
7	91.6
8	92.3
9	92.5
10	92.7
11	92.4
12	92.4
13	91.8
14	93.1
15	92.0
16	92.0
17	91.5
18	91.0
19	91.0
20	92.0
21	91.4
22	91.2
23	92.7
24	92.5
25	91.8
26	92.4
27	91.7
28	91.4
29	93.2
30	92.8
31	93.2
32	92.0
33	92.7

