

LABORATORY TESTING PERFORMANCE EVALUATION



2 lb/sf TPE System

Synthetic Turf Product	2" Dual Fiber
Performance Infill	2.0 lb/sf Guardian TPE
Stabilizing Infill	5.0 lb/sf Sand
Shock Pad	None
Sub-Base	Concrete
Infill Depth (mm)	39

g-max Results

Location	Drop 1	Drop 2	Drop 3	Location Average	Sample Average
1	123	146	159	153	152
2	118	145	158	152	
3	123	147	157	152	

Critical Fall Height Results

Set	Drop Height (m)	Drop 1 HIC	Drop 2 HIC	Drop 3 HIC	Max HIC	Critical Fall Height (m)
1	0.623	359	495	540	540	0.88
2	0.825	568	757	779	779	
3	1.00	792	1066	1220	1220	
4	1.183	1177	1429	1613	1613	

End of Report

