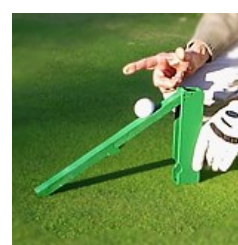
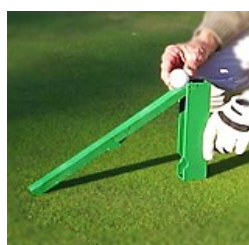
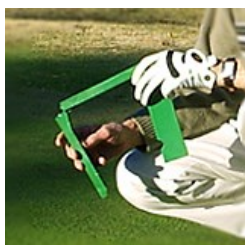
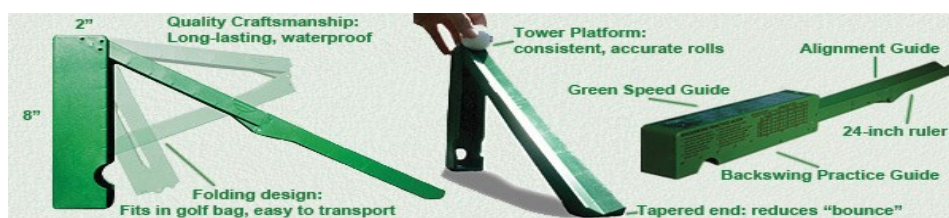


PUTT18 – MATERIAL TESTING 2014 - 2015

The **Golf Green SpeedReader™** is a purpose built Golf Green Speed Reader that is used to measure the speed of a golf Putting Green. The Golf Green SpeedReader™ is easily adaptable to Putting Mat surfaces to determine the speed of the Putting Mat by applying a known force to a golf ball to measure how far the golf ball travels. The Golf Green SpeedReader™ measurements are converted using the conversion guide to determine the Stimpmeter Speed. The **Stimpmeter** is a device used to measure the speed of a golf course putting green by applying a known force to a golf ball and measuring the distance travelled in feet.

Golf Green SpeedReader™ <http://www.greenspeedreader.com/index.html>

GREEN SPEED READER GUIDE		CONVERSION GUIDE	
Slow	1-4ft	Speed Reader	Stimpmeter
Med - Slow	4-5ft	4ft	= 6ft
Average	5-7ft	6ft	= 9ft
Med Fast	7-8ft	8ft	= 12ft
Fast	> 8ft		



TESTING: We tested 4 materials and gathered the results during the testing phase using a standard golf ball and the Golf Green SpeedReader™. The ideal speed of the putting surface, after printing the mat, needed to be between 7ft and 8ft. This gave us an average to medium speed of **10 to 11ft on the Stimpmeter**.

TEST 3 - 2nd Prototype Material:

The 2nd prototype material was selected and samples were again made in China. The printing quality was slightly reduced with minimal bleeding. We had to modify the hole design slightly to make it easier to score but the speed of the putting surface was excellent and at 7ft on the Green Speed Reader or **10 to 11ft on the Stimpmeter**. This material was ideally suited for the PUTT18 product and satisfied each of the 6 criteria.

Criteria	Test 3 Results
1. Simulate realistic golf ball roll	✓
2. Simulate realistic golf ball speed	✓
3. Can be printed on	✓
4. Non-slip backing	✓
5. Robust enough to handle multi-person foot traffic	✓
6. Must be easy to play for all players	✓

2nd Prototype Material

