

**NOTICE** the use of rubber crumb on grass is Patented the licensed product is Crown III. See our web site  
[www.tebbuttassociates.co.uk](http://www.tebbuttassociates.co.uk)

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### **Golf Case Histories in Ireland, Wales & Scotland for Crown III**

**Crown III is a specially graded rubber granule produced from scrap tyres with the textile and steel removed. When added to grass and tined into the surface it provides resistance to wear, good drainage, aeration, improvement in stability and adds resilience to the ground.**

**The use of rubber crumb, as a top dressing on grass, is covered by a European Patent, the Ref No. is EP 0788 301 B1. The licensed product is Crown III**

**Royal Portrush** is the first Northern Irish Club to report success with the work they did in March/April 99. Joe Findley their Head Greenkeeper, used the 1-3mm material on repaired areas between cross fairway bunkers, after applying with a Proseed spiked roller and using a slow release fertilizer. He put on several dressings building up to 6 kilos per sq. metre. He reports great success in grass retention and would be pleased to discuss the work. Feb 2002 he says that the Proseeded is used in the spring and hollow tine in the Autumn on a regular basis, has nearly completed one course, then will not need to buy turf. March 2004 hopes to complete the treatment of the main course this year. **Oct 2009 some pathways retreated, they have lasted between 3 & 4 years where they used to wear out in 12 months.**

**Ballyliffin** have two Links course, both subject to the erosion problems, Andy Robertson first put the 1-3mm grade down this year. He says it has worked well in dry conditions on green surrounds and ends of buggy paths, grass has thickened instead of thinning during the early summer. March 2002 still working well will convert to hollow coring soon. Has hollow cored in the Autumn, will compare results. Sept 2003 improved results on the tined areas. Nov 2006 proving to a great success at eliminating wear and improving drainage **Sept 2009 will be retreating areas that have lasted 3-4years**

**Bray GC** started in Feb 2006 and have found a distinct improvement by May 2007, **Sept 2009 all areas where it has been used in the last 3-4 years have shown substantial improvement.**

**Dun Laoghaire Golf Club**, have used substantial quantities in the building of the new course all walk ways, green and tee surrounds were treated with 6 kilo /sq.m, employing over fifty tons to complete. **Sept 2009 the course is wearing and no further Crown III has been needed.**

**Ballybunnion** started to use Crown III in April 2006 and are reporting excellent results. **Dec 2009 using on all pathways and walk off, needs refreshing after 3-4 years but gives an excellent cover for that time will continue to extend its use.**

**Troon Municipal** resurrected part of the Darley course with Crown III. In March this year South Ayrshire Council ordered six tons of Crown III 1-3mm for the three Municipal Courses. All the material was used on the Darley course. This course takes 70,000 rounds a year. Bill Fletcher the head Greenkeeper used it on the new turf he established on the right side, of the 4<sup>th</sup> hole and the right side of the fifth green. He says, "the area was a desert by the end of the season and had to be returfed, over 1000sq.metres was put down and once established six application of Crown III were made in the early summer and worked into the surface. By October there was no sign of wear." He says its brilliant and is extending his work. **March 2007 shortage of money prevents them using more widely.**

**Edzell GC** started to use in 2007, notice substantial improvement in the first year **Sept 2009 now use on most pathways.**

**Montrose Links Trust** started to use in 2006 has made great improvement to all wear areas, will continue to use employing the Verti drain and 6 kilos per sq m.

**North Berwick** Stewart Greenwood first order was Feb 2000, used on shore path, green apron, green and tee walk off, plus bridge crossing and it showed big improvement in all applications. This Club bought 5 tons in 2000 from a Feb start. In July 2002 report excellent results on all areas where they tined it into the surface.]. These include bridge crossing, entrances, ends of paths, green surrounds and walk ways. Those that have been down for three years are still in good order. April 2006 bridge crossing and coastal paths have good grass cover due to the CrownIII. August 2008 Using with verti drain in most cases and as part of the maintenance system. **Nov 2009 is using less as the wear areas are disappearing.**

**Carnoustie** July 2002 John Phelps has been using Crown III for 3 years. He started on bridge crossings and found that with exception of the heavy wear and very wet crossing it preserved the grass cover . He now has it on 12 crossings. He employs it on Tee walk offs, between Green and Tee, and on carry pathways. He has cut down on the need to returf a great deal. May 2004 is incorporating into the turf farm. March 2007 will use on path from 18<sup>th</sup> tee at 6 kilos/sq/m under the turf. This will be on TV in the Open week.

**Dumbarton GC** Uses product regularly would recommend to others. Tries to get it down every spring before wear increases in the summer. **Sept 2009 is consider to be maintenance item and now is part of the procedure.**

**Kingsknowe GC** 2008 have used regularly and find it excellent

**Glen Golf Club North Berwick** 08/07 HGK is great enthusiast very interested in using green cores and Crown III on pathways. Has successfully remove cockle shell and replace with Crown treated grass paths **Oct 2009 has found drainage has improved where he has used Crown III.**

**Nairn** when used consistently the wear areas disappear and not comeback for three or four years. Started to use again in 2007 and now is part of the spring and autumn maintenance program. **Oct 2009 most of the wear areas have been treated in the last two years and there very few wear patches left**

**Elgin** Sept 2009 have used so much in the past that most of the wear areas have disappeared. Always keep a stock and treat any wear spots as they appear