

NOTICE the use of rubber crumb on grass is Patented the licensed product is Crown III. See our web site
www.tebbuttassociates.co.uk

TEBBUTT ASSOCIATES
581, LYTHAM ROAD,
BLACKPOOL
FY4 1QU.



Phone UK 01253 342003
Int. 00 44 1253 342003

Fax UK 01253 346644
Int. 00 44 1253 346644

E-mail tebbuttasso@btconnect.com

Note new E mail

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CROWN 111 **Application Guide**

Crown III is an innovative and competitive way to reinforce Turf.

Please note that the use of rubber crumb on grass is subject to a Patent and by purchasing Crown III you operate within the UK licence. The European Patent number is EP 0788301 B1

Crown 111 is in the form of a rubber pellet 1-3mm in size. It flows easily and should be laid by drop spreaders (we can provide them) or by hand, at a depth of 0.75 inch 15 mm (6 kilos/sq/m), after the area has been verti-drained with 20-25mm solid tines to a depth of 5-6 inches. If a verti drain is not available use a hollow corer, but at least two passes will be necessary to use the 6 kilos/sq/m. You then brush or drag mat the Crown III into the tine holes and over seed.

There are other grades of Crown III available but 1-3mm size seems to be the optimum for most situation. One grade that is now being used is the 12-14mm which is applied to the surface at 6 kilo/sq/m and forms a mat through which the grass can grow. This is used on grassed horse arenas and grassed car parks.

In the Spring, early Summer, Autumn or early Winter Verti-drain the worn area apply one dressings of 6.0 kilos per sq. metre. Use a drop spreader and put onto the surface, as if you are laying a pathway on top of the grass. *Do not scatter you are wasting your money*. Brush the material into the tine holes and over seed. Protect the area, until the seed germinates and gives a good head of grass, which is mown twice for use.

It is better not to apply the material to grass that is totally dormant or when the areas are completely dried out.

When applying to a root zone drop 6kilo/sq/m on the surface and rotovate into 3-4 inches, Then seed or turf and continue as above.

Apply Crown III very carefully to new turf, ensure the turf has rooted. Then drop spread 1.5 kilos/sq/m, wait until this has worked into the surface and reapply at least three times. It is preferable to put into the root zone before laying.

Wear areas need 6 kilos/sq/m of Crown III. If the areas are looked after, they will last approx 3 years without further application of Crown III. Going into the fourth season apply another 3 kilos/sq/m.

Crown III will replace returfing in many situations.

In most situation a pallet of 40 bags will cure the wear on areas of about 160 sq. metres.

6 KILOS PER SQUARE METRE GIVES A GOOD RESULT IN SEVERE WEAR CONDITIONS.

Specific Application of Crown III

General Always use a drop spreader that lays Crown III in a concentrated area, do not scatter, imagine you are laying a synthetic pathway on top of the grass. We supply this equipment.

Football Pitches- Renovation period- use 1-3mm grade after scarification or other preparatory treatments, tine the area to 4-5 inches depth with a 20-25mm solid tine at close spacing, brush the dressing of 6 kilos per sq. metre into the tine holes. Seeding can take place at the same time or directly afterwards.

During the winter- if you are having stability problems during the playing season, tine the affected area with a 20-25mm solid tine, at close spacing and brush into the tine holes, 3 kilos per sq. metre. It will always be wet when you do this so the material should be incorporated easily, however it is better to leave the area fallow for seven days after an in season treatment.

If rebuilding a pitch, apply up to 6 kilos per /sq./m on the whole area, rotovate to 100 mm and then over seed. You will find that Crown III assists the germination process.

Rugby pitches- apply the Crown III as indicated above but tine to 5-6inches to accommodate the increase in churning of the surface during scrumaging and mauls. Use a Verti-drain or solid tines of 20-25 mm.

Cricket- apply the 1-3mm grade of Crown III to bowlers run ups. First verti-dfrain the area and applying 6 kilos /sq./metre into the tine holes. Brush this into the tine holes. The application should be undertaken soon after the end of the season. After the area has recovered and there is 100% grass cover,.

Tennis- as for cricket, applying to the wear areas behind the base lines.

Golf- there are two opportunities to use Crown III on a Golf Course, in the Autumn renovation and in the Spring.

Walkways from green to tee, pathways across carries, standing areas around starting tees, pinches between cross fairway bunkers, the beginning and ends of non grass paths, the bottom and top steps. These can all be treated in a similar way. First Verti-drain or Hollow core the area, in the spring One six kilo/sq/m dressings from a drop spreader. Over seed after the dressing, and protect.

In the Autumn apply the 6 kilos per sq. metre after verti-draining using the same technique.

Tees, green aprons, edges of bunkers and other finer grass applications, use 1-3mm grade and apply 6 kilos per sq. m as recommended above.

If you have a turf nursery apply the Crown III during the early summer as recommended above and use this turf on your pathways and other returfed areas.

The 0.5-1.5mm grade should be used on the greens.

Crown III eliminates a large percentage of your returfing.

Fine Lawns and Bowling Greens- In the Spring or Autumn hollow tine the area, apply one dressings of 1-3mm at 3 kilos per sq. metre Brush into the tine holes and overseed.

Car Parks, Road Ways, Show Grounds and Airports- Use 12-14mm material after verti-draining, brush into tine holes and overseed at 6 kilos per sq. metres. Use the same technique as for Rugby.

Racecourse and Grassed Horse Arenas- Use 1-3mm Crown III on areas subject to compaction and instability. On flat courses applying up to 10 kilos per sq. metre during the winter after the area has recovered, tine in the first 5 kilos, using the Rugby technique (see above) Walkways, Canter Downs and Bends are the usual problem areas.

On Jumping course the main areas are landings and take offs. Here it is suggested that 10 kilos per sq. metre is used. Apply in two dressing during the early summer. The first after tining to 150mm with 20-25mm tines at close spacing, the second after at 2/3 week intervals. In particularly difficult situation use a top dressing of 12-14mm over the area treated with 1-3mm.

Drainage- Crown III will keep tine and verti-drain holes open over long periods to give good surface drainage in all conditions, and it assists the grass to grow by improving aeration.

Notice- The use of Rubber Crumb on grass is the subject of a Patent for your protection ensure that you only buy the licensed product sold as Crown III.