

SUPERGRASSETM

POWERED BY



GUIDELINES FOR THE
**CARE AND
MAINTENANCE**
OF YOUR BOWLS GREEN



FORWARD

This maintenance manual has been prepared to ensure your Club is properly informed regarding the maintenance of your new Supergrasse ProMaster surface.

No product retains top quality performance without the implementation of a structured maintenance regime. This booklet aims to ensure you get the full benefit of Supergrasse ProMaster.

It takes time, patience and discipline to get your surface up to top level playing conditions, please note the following points:

- Initial bowling speed of the green will be approximately 10 to 12 seconds and this will increase to 14 to 16 seconds once the surface has established.
- Initially sand may be noticeable on the surface. Watering the surface prior to play will help settle the sand within the pile. Only enough water should be applied to the surface so that the top of the sand becomes wet.
- You should not roll the green to increase bowling speeds. If initial rolling is required this should only be done under the direction of Sports Technology International. Heavy continued rolling may lead to the long-term detriment of the surface.
- Sports Technology International will provide a follow up grooming within 6 to 8 weeks of completion. This is in addition to the initial grooming carried out by your Club. At that time we may add or remove sand as required.
- You should take note of any unevenness of the surface that appears and relate this information to Sports Technology International at your earliest opportunity.

We pride ourselves on our product and follow up service. Should you have concerns or suggestions please feel free to call any time on 1800 252 422

Thank you and enjoy your bowls on our Supergrasse ProMaster surface.

Yours faithfully
Advanced Polymer Technology Pty Ltd



Now that the Supergrasse ProMaster green has been completed, we offer the following guidelines and comments for the setting down period:

1. Brushing, or grooming, with your modified equipment should be undertaken in order to progressively improve the evenness of the sand level.
2. During the first months, we recommend this grooming be carried out weekly. This is an operation requiring some “feel” and it is suggested it be restricted to an experienced person who has been trained in the careful use of the grooming machine.

This work is only effectively performed when the sand surface is dry.

3. After 4 to 6 weeks the surface should be inspected to determine any issues noted that might have arisen during initial usage. Shortly after that time Sports Technology International will return to service the green and address any problems that may have surfaced. We will thoroughly groom the surface and adjust sand levels if necessary. It may be that the sand level may be a little high as it is our practice to slightly over-fill in order to allow for the settling in of the sand layer under the influence of watering, play and general activity.
4. After grooming, the sand near the surface will be agitated and the green will play slower. The green **MUST** be watered immediately after grooming to settle the sand infill and increase speed.

How much sand?

The level of your sand will settle to approximately 3 to 4 mm below the fibre tips and that is where it should be maintained. Lowering the sand levels excessively will slow the green speed and make it very difficult to maintain an even speed.

Try to maintain this level.

In general no sand should be added to the green unless under the direction of Sports Technology International. In particular the sand type (type and grain size) is extremely important. It should be sub angular, clean and dry.

If you add unsuitable sand, your surface will not perform correctly and you will risk the warranty on the surface.

Grooming should be carried out over the entire surface in a full range of directions. North-south, east-west and diagonally.

Following the weekly grooming during the initial 6 to 8 weeks after completion of the installation the green should be groomed every 2 to 4 weeks.



5. Whilst the use of rollers may be encouraged by others, Sports Technology International believes a little patience will also increase the speed of greens without the risk of compacting the sand infill and restricting drainage. Your members should understand that the settling down period is much less than for natural turf greens but just as critical for the long term.
6. Climatic conditions will have a bearing on the playing characteristics and vary from club to club according to exposure to wind, temperatures and rainfall. Thus, even during the settling-in period, the action you take with respect to grooming and watering must be judged according to the prevailing weather condition, usage levels and the immediate play requirements.

Thus, good green keeping judgement is still needed, even with synthetic grass greens.

7. A feature of synthetic greens is a reduction in green speed during hot weather when the sand infill dries out and becomes a little loose. Watering 30 to 45 minutes prior to play will minimise this effect. The timing and degree of watering can only be determined by local experience, something that may take some time to acquire.

Watering of the green during the day may be an option and certainly assists in keeping the green cool.

8. In general terms:
 - a) A damp green plays quicker than a dry one.
 - b) Grooming (brushing) opens the pile, which is desirable for the long term success of the green, and loosens the top layer of sand and reduces playing speed.
 - c) Rolling will accelerate the green speed, however this will tend to compact the sand infill and may be injurious to the synthetic fibre.
9. Following the subsequent follow-up grooming by Sports Technology International, some direction will be provided for ongoing maintenance procedures. In this regard, we will draw from your playing experience and we encourage maximum use of the synthetic grass as the playing activity contributes markedly to the stabilising of the sand infill.



SURFACE DAMAGE

Seams should not provide any problems. The procedures and the glues used are now well tested and established. Should you get vandalism or edge lifting please call Sports Technology International for advice.

It may well be that the problem may be easy to fix for either a local carpet layer or a well-briefed handyman.



KEEP THE SURFACE CLEAN

The ProMaster Bowling Green surface is designed to work without any heavy maintenance. However, the following is recommended:

- **Do not refuel your machines on the Green or over grease them. Any fuel related products would damage the surface.**
- Ensure that general litter is cleared up on a day-to-day basis.
- Tree droppings are a common problem. Leaves, pine needles, nuts, etc will provide problems, either by affecting play, possibly blocking your drainage system or forming an algae sustaining nutrient. There are three methods of removing these items:
 - i) Leaf rake and shovel. It's hard work and takes at least thirty (30) minutes but it's an effective cleaning method.
 - ii) A leaf-collecting device, such as the Aussie Clean Sweep or your groomer with the brush set to the top of the grass blades and the normal catcher fitted.
 - iii) Mechanical blowers may be used sparingly, however, if the blower is used too closely to the surface it may have a tendency to blow sand out.

Clean your green prior to play as trodden in or broken up leaves/needles are difficult to remove later.

ALGAE/MOSS

Should you follow all of the foregoing recommendations, you will dramatically minimise the chances of algae forming. However, given the environment, the chance is algae will even grow on bare bitumen.

Should little black spots appear, commercially available products may be used to treat the surface.

NOTE: Prior to usage these should be submitted to Sports Technology International for approval.

PREVENTION IS BETTER THAN CURE



TO PREVENT POTENTIAL PROBLEMS

- * Where possible try and avoid total shade spots.
- * Ensure your drainage is excellent. Always plan for the heaviest possible rainfall and prevent any situation that could result in water running onto your green.
- * Ensure any retaining walls have their own drainage and do not permit water to seep onto the surface.
- * The area from where your bowlers step onto the green **MUST** be very well grassed or suitable matting provided. This will prevent dirt or mud being carried onto your green via player's shoes.



SPORTS
AND LEISURE
**SYNTHETIC
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