

# Greengauge Woven Bowls Carpet Maintenance Manual



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## 1.0 Introduction

This document outlines the recommended maintenance for Greengauge bowling greens. Good housekeeping will ensure the maximum life and performance of your Greengauge bowling green.

## 2.0 Maintenance & Environment

### 2.1 Leaf Blowing

- The SFAG tennis court must be kept clear of any leaf or tree litter. This must be done at least once a week using a leaf blower. Use electric or petrol powered leaf blower to remove any surface material (leaves stones etc)
- **Please Note:** Leaf blowers with vacuum capabilities must not be used on the playing surface.

### 2.2 Vacuuming

- The Greengauge woven carpet must be vacuumed at least once every three months.
- Only vacuum the surface using a machine approved by Sportcrete Asia-Pacific.
- For best results vacuum when carpet is dry.
- Do not overuse vacuum cleaner.
- Vacuum is only designed to remove surface debris.

### 2.3 Drains

- Clear out any leaves and debris from drain ports to prevent any blockages.
- Check drain port conditions at least once a week or as required.

### 2.4 Ants

- Ditches should be inspected regularly for ant infestations.
- Ditch base should be treated every 6 months or when ants are found.
- Ants can cause serious base damage.

## **2.5 Trees**

- On the surrounding edges of the bowling green that are not protected by a root barrier system, an annual check must be carried out.
- Identify any bushes or trees that has potential to grow large enough near the edge of the green that may cause damage to the base of bowling green. Remove the plant(s).

## **2.6 Line Marking**

- Rinks should be a minimum width of between 4.3 - 5.8 m.
- Centre line mark of the rink is nominally 4 m x 0.4 m tee.
- Use a water based liquid chalk pen 8 mm nib to mark lines on the green (recommended brand is uni Posca).
- Do not use permanent marker pens on GG3 surface.
- Do not use paint on GG3 surface.

## **2.7 Rolling**

- Do not use not use any roller on a Greengauge woven carpet surface with a Sportcrete Base.
- Under no circumstance can vibrating rollers or compaction plates be used on the green surface, as this has the potential to cause damage to the bowling green base.

## **2.8 Usage of Grippo**

- Be aware the wax element has potential to leave marks on the bowling green over time.

## **2.9 Changing of Light Bulbs**

- To change light bulbs over the bowling green, a light weight mobile aluminium scaffold must be used.
- Between the scaffold and the bowling green surface a plywood base must be used to spread out the load of the scaffold.

### **3.0 Cleaning Products**

- There are three types of cleaning chemicals developed specifically for Greengauge woven bowls carpet.
- The chemicals are available direct from Sportcrete Asia-Pacific.
- Material Safety Data Sheets (MSDS) for all three chemicals supplied with this document .
- Detailed directions for use are on the label of the product.
- A schedule for recording the use of such chemicals are included in this maintenance document.

#### **3.1 Greengauge Cleaner**

- The Cleaner is designed to be used as a general cleaning chemical for the carpet.
- Cleaner is a low foam detergent.
- Can be used with a hot water extraction cleaning machine (see steam cleaner section).
- Dilute as per the instructions on the label (1 litre Greengauge Cleaner 10 litre water).
- Spray on the carpet so the chemical soaks through.
- Water/rain can help the Cleaner to wash through.
- Application rate after dilution in water: Approximately 0.4lts per square metre.
- Available in 20 litre drums.

#### **3.2 Greengauge Green Protector**

- A zone inhibitor that minimises growth of algae and mould.
- Apply when necessary and in conjunction with map, see diagram in chapter 4.3
- Is best applied in the afternoon with at least 24hrs of dry weather.
- Dilute Green Protector as per the directions on the label (1 litre Greengauge Protector 10 litre water).
- Application rate after dilution in water: Approximately 0.4lts per square metre.
- Available in 20 litre drums.

### **3.3 Greengauge Surface Treatment**

- This chemical is designed to remove general stains from the carpet.
- Used as a spot stain remover.
- Very good at removing organic stains such as algae, mildew and moss.
- This protector is used undiluted (neat).
- Apply Surface Treatment so it soaks through the carpet.
- Follow directions on the label.
- Available in 20 litre drums.

## **4.0 Cleaning Methods**

### **4.1 Greengauge Cleaner**

1. Using a leaf blower clean surface, refer to section 2.1
2. Use vacuum cleaner to remove any debris from lawn bowl surface, see section 2.2
3. Using a hose, pre-soak playing surface with water.
4. Apply Greengauge Cleaner, using a hand pump pressure sprayer (Gardener type) or a 100litre hand drawn boom sprayer.
5. Cover the entire playing surface with Greengauge Cleaner and allow to soak in 1-2 hours before fully hosing off with water.

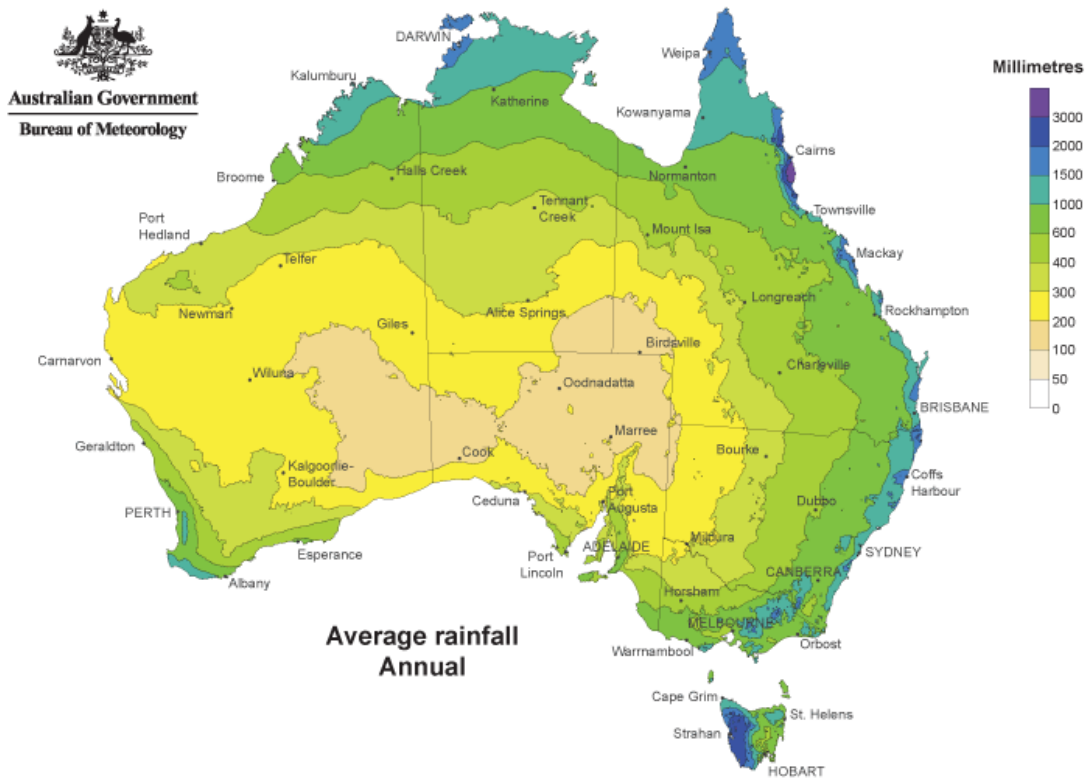
At NO time should the Bowling green surface be cleaned using a high pressure washer, as improper use will damage the surface and base.

### **4.2 Hot water extraction cleaning with Greengauge Cleaner**

- A hot water extraction cleaning (steam cleaner) unit used in conjunction with Greengauge cleaner.
- Use only a non-commercial low pressure steam cleaner.
- This is recommended for spot cleaning only.

### 4.3 Prevention of Algae and Mould using Greengauge Protector

- To prevent growth of algae and mould, use Greengauge Protector.
- Before applying Greengauge Protector the lawn bowl surface must be cleaned using Greengauge cleaner method (4.1).
- In tropical areas, Greengauge Protector may need to be applied more often.
- As a reference if your bowling green is situated in an area that is subjected to less than 700mm of rain a year, you will need to apply Greengauge Protector 4 times per year.
- If your bowling green is situated in an area that is subjected to more than 700mm of rain a year, you will need to apply Greengauge Protector a minimum of 6 times per year.



#### **4.4 Stain Removal using Greengauge Cleaner and Surface Treatment**

- DO NOT use any chemical not recommended by Sportcrete Asia-Pacific.
- DO NOT use a vacuum cleaner unless recommended by Sportcrete Asia-Pacific.
- DO NOT use hand scrubbers or stiff bristled brushes.
- DO NOT clean using a high pressure washer.

Cleaning stains, i.e. bird droppings etc, can be treated using Greengauge Cleaner.

- Mix 500mls of the Greengauge Cleaner into a bucket of 4 ½ Litres of warm water.
- Apply using a sponge with liberal quantity of detergent mix.
- After cleaning the area, thoroughly rinse off from a hose with water.
- If any residual stain remains, apply the Greengauge Surface Treatment, using instructions on label.

Any questions feel free to Contact Greengauge on 1800 608 577 or email [info@greengauge.com.au](mailto:info@greengauge.com.au)



## 5.0 Cleaning and Maintenance Schedules

	<b>Timeline</b>
<b>Maintenance &amp; Environment</b>	
Leaf Blowing	Weekly
Check drains	Weekly
Vacuum	Every 3 months
Check and Treat for ant or animal infestation	Once every 6 months
Check Bushes and Trees for root propagation	Once every year
<b>Cleaning</b>	
Greengauge Cleaner and Protector (As per Chapter 4.3)	See Diagram in chapter 4.3

## **6.0 Post-Installation Surface Settling**

### **6.1 Seams**

For 3 to 6 months, depending on use, the seams can produce a very small skip whilst they are bedding into the underlay.

### **6.2 "Crush" Noise**

A crunching sound may be heard, especially after heavy rain. This is only the underlay settling into the base.

### **6.3 White "Powder" Marks**

For the initial 3-6 Months after heavy rain with prolonged water sitting on top of the green a white powder mark may appear.

The white marks is excess silicate used in the construction of the base. This will not harm the surface and will slowly disappear.

To remove these marks you can simply wash/sponge using Greengauge Cleaner in a solution of 1 to 20 in water (eg 0.5 litre GGC in 10 litres of water)

### **6.4 Speed**

Immediately after installation of the carpet it is possible that the outside rinks may play faster than the middle rinks. This will gradually even out as the tension spreads through the entire surface.

### **6.5 Bowls Direction**

Bowling in both north/south and east/west directions is recommended with Greengauge woven carpet.