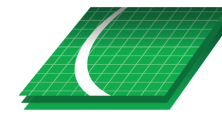


# MAINTENANCE SERVICES



**TECHNICAL  
SURFACES**  
Maintaining Standards

A SPORTEX GROUP COMPANY

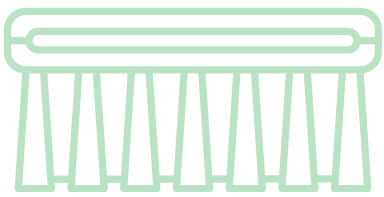
[Click to learn more about our services](#)

	3G	Sand Based	Water Based	Athletics
Drag Brushing	✓	✓	✓	✓
Power Sweeping	✓	✓	✓	✓
Vegetation Treatments	✓	✓	✓	✓
3G Pitch Decompaction	✓			
Seam & Line Repair	✓	✓	✓	✓
Infill Top-Up (Rubber)	✓			
Infill Top-Up (Sand)		✓		
Infill Removal	✓	✓		
Line Marking	✓	✓	✓	✓
Revite®	✓	✓		
PowerGrade®	✓			
Regeneration®	✓	✓		
Winter Revival™	✓	✓	✓	
Pitch Hydrotech®			✓	✓
Track Hydrotech®				✓
Sanitech®	✓	✓	✓	

## D R A G B R U S H I N G

Regular Drag Brushing using suitable machinery is the basis of a good maintenance regime, and should be implemented immediately on handover. Drag Brushing lifts and recovers the carpet pile, regulates infill levels and distribution and helps to remove larger surface debris.

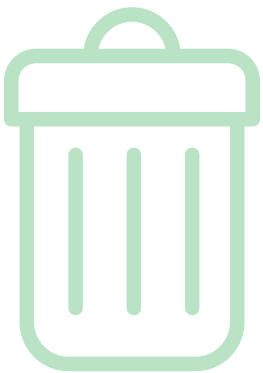
**Complementary Services:** POWER SWEEPING  
3G DECOMPACTION  
VEGETATION TREATMENTS



### CARPET PILE & INFILL

The **carpet pile flattens** through player footfall, leading to accelerated rates of pile deterioration - Drag Brushing lifts and recovers the pile. **Infill is displaced** through use - Drag Brushing helps to regulate the levels and maintain good infill distribution.

*Drag Brushing with tines also helps to decompact the infill on 3G surfaces*



### DEBRIS COLLECTION

Litter and leaf removal should be undertaken daily, to ensure that this material is not left to break down into the infill and **cause issues with contamination**. Litter can be collected by hand, while debris and leaves can be removed either by hand or by using a suitable leaf / debris collector.

*Debris removal helps regulate porosity levels*



### DIRECTIONAL BRUSHING

**Sand-filled, sand-dressed and water-based surfaces** should be brushed with the seams, typically widthways. **3G surfaces** require multi-directional brushing (vertical, horizontal, diagonal), to promote pile recovery.

*Research undertaken by Technical Surfaces and Loughborough University as part of a Knowledge Transfer Partnership*

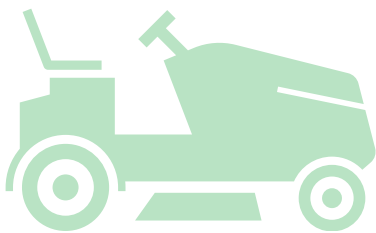
**Benefits of completing Drag Brushing.** regulates infill distribution // lifts and recovers the carpet pile // prevents moss and vegetation growth, particularly in low-use areas // preserves original playing and draining characteristics // maximises the life expectancy of the carpet // reduces abrasion injuries and burns caused by flat pile (3G only) // surface performance benefits // improves user comfort and surface perception



## POWER SWEEPING

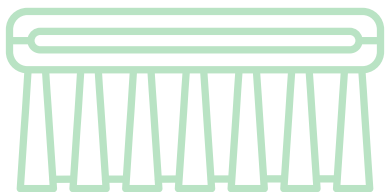
Power Sweeping is a cumulative process and should be completed at regular intervals throughout the year. This process is more technical than Drag Brushing and involves the use of a rotary brush to lift, clean and redress the top few mm of infill.

**Complementary Services:** DRAG BRUSHING  
VEGETATION TREATMENTS  
REVITE®



### TWO-STAGE CLEANING

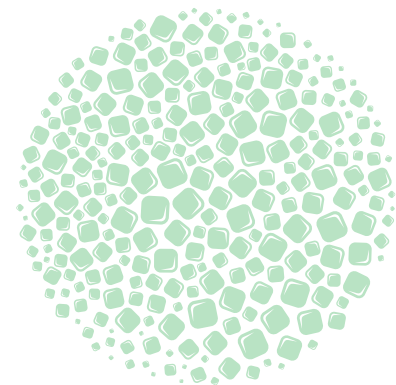
Technical Surfaces uses specialist SMG machinery to carry out our Power Sweeping service. The **SMG SportChamp** removes larger debris in the integrated adjustable sieve / hopper system, whilst finer particles of contamination and detritus are drawn into the rear collector box via the integral turbine.



### CARPET PILE RECOVERY

Power Sweeping helps to lift and recover the carpet pile; this is **significantly more intensive than Drag Brushing** alone. The brush depth will be calibrated according to the specification of the surface and the prevailing weather conditions.

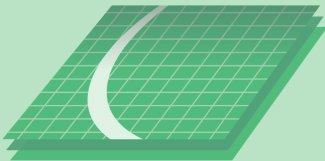
*Power Sweeping and Drag Brushing are distinct but complementary processes, and should be completed in tandem*



### INFILL CLEANING

The surface infill acts as a filter, collecting contaminants including broken-down carpet fibre, dust, general dirt. By **lifting and cleaning the top few mm of infill**, Power Sweeping helps to regulate porosity levels and reduce the risk of contamination consolidating within the infill.

**Benefits of completing Power Sweeping.** regular removal of contamination from the upper reaches of infill // preserves original playing characteristics // reduction of contamination levels will help to regulate drainage and porosity // regulates and redistributes the infill levels // lifts and recovers the carpet pile // reduces abrasion injuries and burns caused by flat pile (3G only) // reduces surface compaction // improves user comfort and surface perception



## VEGETATION TREATMENTS

Due to their outdoor location, most surfaces will develop moss and weed growth if left untreated, particularly around the perimeter. Manual / mechanical removal, supported by the application of chemicals where required, is the ideal way to target vegetation.

**Complementary Services:** DRAG BRUSHING  
POWER SWEEPING  
REVITE®

### WEED / MOSS REMOVAL



Manual or mechanical removal of weeds and moss **can be completed by hand or with specialist maintenance machinery**. This approach is beneficial due to issues with chemical applications in inclement weather. A regular, preventative regime is ideal.

*This should form part of your Daily Checks*



### PERIMETER (1M BAND)

Extremely effective in **controlling the encroachment of moss and weeds onto the playing surface**. A high frequency of specialist maintenance will be required for facilities susceptible to greater levels of vegetative growth.

*A Vegetation Treatment to a 1m perimeter band of a full-size pitch (approx. 320m ) usually takes around 1hr to complete*



### CHEMICAL TREATMENTS

Chemicals can be applied by using smaller hand- or backpack-sprayers and by mechanically driven larger boom sprayers. This depends on the size of the area being treated. **Once treated, vegetation growth will begin to recede, normally within 2-3 weeks.**

*Fully qualified Technicians only*

**Benefits of completing Vegetation Treatments.** effective regulation of vegetation levels // preserves original playing characteristics // a proactive approach to vegetation control helps to prevent issues with surface performance // improves user comfort and surface perception



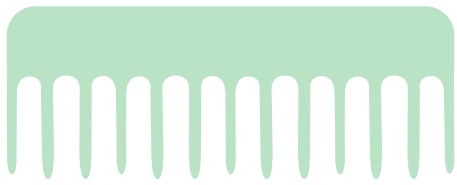


## 3G PITCH DECOMPACTION

3G pitches are typically filled with a performance layer (a mix of sand and rubber), which compacts through play. Regular decompaction of the infill is vital in maintaining the surface performance levels and extending the usable life of the pitch.

**Complementary Services:** DRAG BRUSHING  
POWER SWEEPING  
VEGETATION TREATMENTS

### LOOSEN THE INFILL



Regular decompaction using tines helps to **lift, loosen and decompact** the infill, ensuring that the performance layer remains fluid and the surface does not harden underfoot.

*Research undertaken by Technical Surfaces and Loughborough University as part of a Knowledge Transfer Partnership*

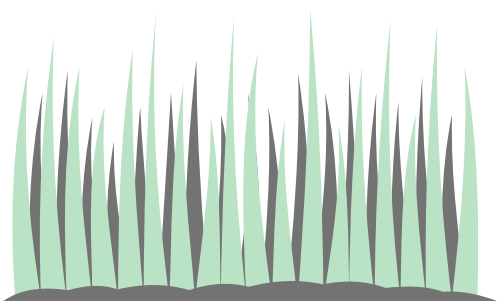
### IMPROVE DRAINAGE



A compacted performance layer will impact on the porosity levels; by helping to loosen the infill, **decompaction aids the drainage process**. The more frequent the decompactions the better, as there is less time for the infill to compact.

*Frequency should reflect usage levels*

### MAXIMISE PILE SUPPORT



As the **performance layer compacts through play**, the overall infill level falls, reducing the amount of support to the carpet pile. Ongoing decompactions help to regulate the infill levels, maximising the available pile support.

*Extends the usable life of the surface*

**Benefits of completing 3G Decompaction.** improves performance and playing characteristics // surface performance benefits will help to slow the rate of deterioration and extend the usable life of the surface // regulates the infill levels // lifts and recovers the carpet pile // reduces surface compaction // helps to regulate drainage and porosity // improves user comfort and surface perception



## SEAM & LINE REPAIR

A typical full-size artificial surface is constructed using >2000 metres of seams and inlaid lines. No matter how careful the installation, some failure will likely occur over time. The carpet is also prone to damage through excessive isolated use, misuse, accidents and acts of vandalism.

**Complementary Services:** SURFACE INSPECTION  
MATCHFIT®

### DAILY CHECKS



Daily checks are vital to ensure that **repairs are identified early**. If not addressed, repairs will worsen and new areas of failure will develop, causing the general condition of the pitch to deteriorate. Set aside a sinking fund, to enable repairs to be actioned promptly.

*Technical Surfaces will identify any areas of weakness to be monitored*

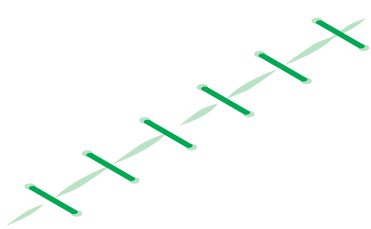
### STAGE 1: RESTICK



Seaming tape and adhesives are used to bond sections of carpet together at installation. Over time these adhesives can become brittle and fail, causing **seams and lines to 'lift' from the surface**. Where possible, a failed seam or inlaid line will be restuck.

*All MatchFit® contracts include a restick repair allowance*

### STAGE 2: REPLACEMENT



Failed areas are **cut away to remove the affected carpet**. New seam / line carpet is then secured using specialist seaming tape and adhesives, allowed to cure, then replenished with infill to complete the repair. This work can generally be completed in all weather conditions.

*Extreme cold or heat will impact on the adhesive cure times*

**Benefits of completing Seam & Line Repair.** early identification reduces repair costs // removal of failed area as well as adhesives and tapes ensures the entire area is strengthened // health and safety issues are no longer presented to users // reduces the risk of personal injury claims // extends the usable life of the surface, avoiding the immediate cost of replacement // improves general cosmetic appearance of facility



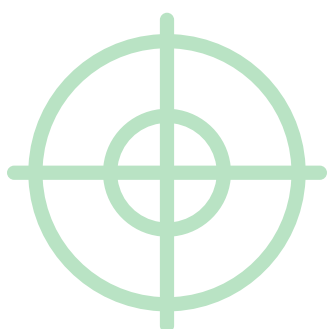




# INFILL TOP-UP RUBBER

Surfaces lose infill through migration, footfall (particularly in high-use areas) and natural compaction. Infill levels should be monitored as part of the ongoing in-house and specialist maintenance, to ensure they remain at their optimum in order to support the carpet fibres effectively .

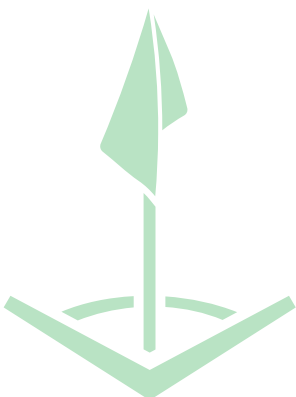
**Complementary Services:** DRAG BRUSHING  
MATCHFIT®  
POWERGRADE®



## A PRECISE APPLICATION

Technical Surfaces uses specialist machinery, which can be programmed to **dress an exact amount of infill /m<sup>2</sup>** and is simultaneously brushed in to ensure an even and effective top-up. This also ensures that the infill is dressed *into* the pile, not on top of the pile.

*3G surfaces should be redressed annually to achieve the optimum infill levels*



## LOCALISED TOP-UPS

We recommend keeping a stock of rubber infill on site for **localised re-dressing of high-use areas** (e.g. penalty spots, corners). These areas are prone to displacement through use, weakening or even damaging the carpet fibres.

*High-use areas should be monitored and redressed as part of the daily checks*



## PERFORMANCE VALUES

An infill top-up offers **significant, sustainable benefits** to surface performance attributes. It is vital to maintain optimum infill levels to ensure that the surface meets any required performance criteria.

*Research undertaken by Technical Surfaces and Loughborough University as part of a Knowledge Transfer Partnership*

**Benefits of completing an Infill Top-Up.** supports the carpet pile, slowing the rate of deterioration // improves playing & performance characteristics & aesthetics // minimises repair due to damage from footwear (e.g. foot plant on penalty spots) & pile loss issues linked to a lack of infill // reduces abrasion injuries & burns caused by flat pile // regulates & redistributes the infill levels // ensures compliance with manufacturer warranty // helps to achieve & retain any required certificated performance criteria



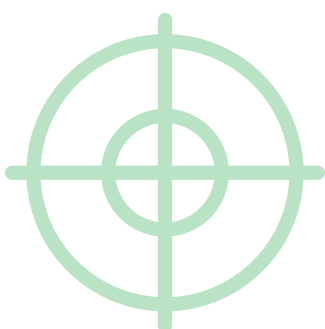


## INFILL TOP-UP SAND

Surfaces lose infill through migration, footfall (particularly in high-use areas) and natural compaction. Infill levels should be monitored as part of the ongoing in-house and specialist maintenance, to ensure they remain at their optimum in order to support the carpet fibres effectively .

**Complementary Services:** REVITE®

### A PRECISE APPLICATION



Technical Surfaces uses specialist machinery, which can be programmed to **dress an exact amount of infill /m<sup>2</sup>** and is simultaneously brushed in to ensure an even and effective top-up. This also ensures that the infill is dressed *into* the pile, not on top of the pile.

*The surface should be cleaned in advance of completing a top-up*

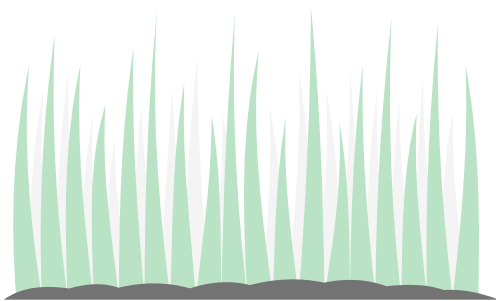
### LOCALISED TOP-UPS



We recommend keeping a stock of sand infill on site for **localised re-dressing of high-use areas** (e.g. hockey short corners). These areas are prone to displacement through use, weakening or even damaging the carpet fibres.

*High-use areas should be monitored and redressed as part of the daily checks*

### MONITORING THE PILE



Our Technical Managers will monitor the pile height, to ensure that any top-up is appropriate for the condition of the pile, and to **avoid overdressing**. As the pile wears down over time, it can cause loose sand to rest on top of the carpet.

*Your Technical Manager will advise you when an infill reduction is required*

**Benefits of completing an Infill Top-Up.** supports the carpet pile, slowing the rate of deterioration // improves playing & performance characteristics and aesthetics // minimises repair due to damage associated with use // regulates & redistributes the infill levels // ensures compliance with manufacturer warranty // helps to achieve & retain any required certificated performance criteria





## INFILL REMOVAL

Infill levels should be reviewed as part of the ongoing in-house and specialist maintenance, to ensure that the levels are maintained at their optimum, or at an appropriate level for the condition of the carpet pile.

**Complementary Services:** DRAG BRUSHING  
POWER SWEEPING



### WHY REMOVE INFILL?

As the carpet pile wears down, infill that was once held in by the pile is released and **rests on top of the carpet**. Less commonly, the surface may have been overdressed or localised accumulations of infill may have formed, resulting in the need to undertake an infill removal.

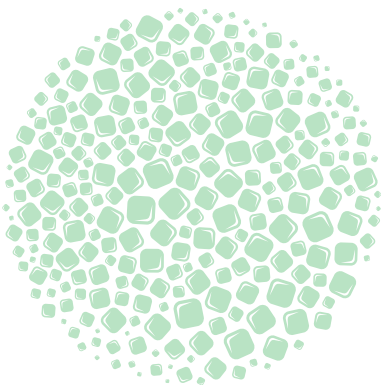
*Infill levels should be monitored as part of your Daily Checks*



### SAND REMOVAL

Technical Surfaces uses bespoke machinery to collect and remove the sand from the playing surface. This is then stockpiled in a suitable location next to the pitch. We typically recommend this material remains on site and is **used for top dressing**.

*A skip can be supplied if required*



### RUBBER REMOVAL

Technical Surfaces uses the **SMG RenoMatic** attachment to remove excess rubber from the surface. Rows of revolving brushes can be adjusted to change the depth of infill removal. Once extracted, the rubber is transferred into bags for disposal at a suitable location away from the surface.

*Ensure the remaining infill is distributed evenly across the surface*

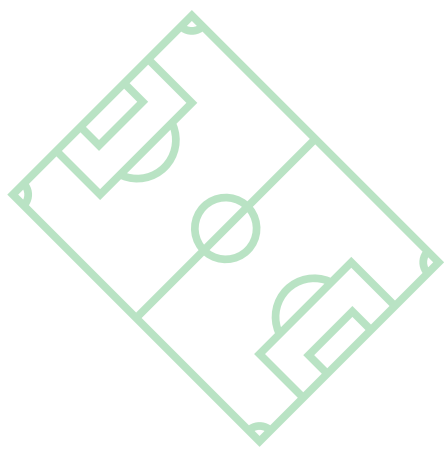
**Benefits of completing Infill Removal.** improves surface traction, ensuring that infill levels remain within safe parameters // improves performance and playing characteristics, as well as aesthetics // helps to maximise the life expectancy of a surface // improves user comfort and surface perception



## LINE MARKING

Artificial surfaces are typically installed with lines for their primary sport(s) cut in using carpet of different colours. Painted lines can be added to create seasonal markings, or to accommodate new requirements, avoiding any risk to the surface construction.

**Complementary Services:** LINE REMOVAL



### SEMI-PERMANENT LINES

Technical Surfaces offers a semi-permanent line marking service using a **flexible water-based paint**, where markings are applied by state-of-the-art equipment to produce clean and accurate lines. Paint requires approx. 24-48 hours to cure, depending on the ground temperatures.

*Laser-guided automated line marking machine ensures a consistent finish*



### WEATHER DEPENDENT

Line Marking is typically completed from **spring to early autumn**. It is affected by cold and wet weather and requires ground temperatures appropriate to the specific carpet system (a ground temperature above 12°C is required).

*The weather can be prohibitive; consider arranging back-up dates for completion*



### UP TO 6 MONTHS' WEAR

Flexible water-based paints typically last up to 6 months, **decreasing in line with usage**. The frequency of re-marking is dictated by factors including the number of previous applications and levels of footfall.

*Your Technical Manager will assess the painted lines as part of a surface inspection*

**Benefits of completing Line Marking.** avoids compromising the surface construction // ensures compliance with rules or requirements introduced post-installation // suitable for short-term lettings, seasonal or temporary markings // cost-effective compared with cutting in lines // improves the cosmetic appearance and user perception of the surface // increases the capacity for lettings

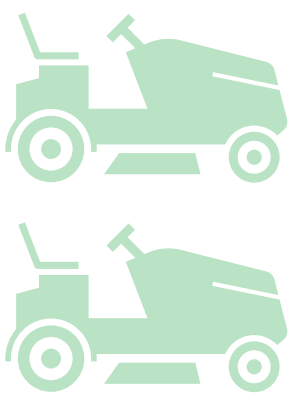


## REVITE® DEEP CLEAN

To complement the regular Drag Brushing and Power Sweeping regimes, it is recommended that an annual Revite® is completed on any infilled surface. This process works deeper into the infill and carpet pile compared with regular Power Sweeping.

**Complementary Services:** DRAG BRUSHING  
POWER SWEEPING  
POWERGRADE® (3G)

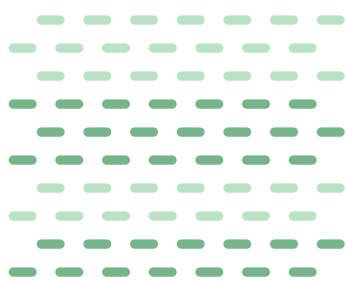
### A DEEPER CLEAN



Technical Surfaces uses our **SMG SportChamp** machines to carry out the deep-cleaning Revite®. The machinery is designed to penetrate deeper into the carpet to help decompact and lift the top 6-20mm of infill. The lifted infill is cleaned, redressed and redistributed evenly across the surface.

*Depth varies according to surface type*

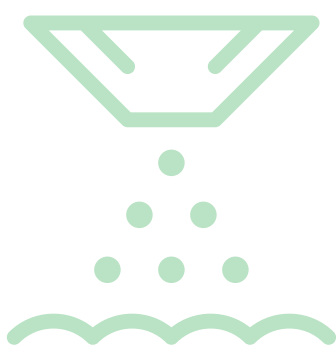
### INFILL CLEANING



The infill acts as a filter, collecting broken-down carpet fibres, decomposed leaves, vegetation, dirt, debris etc. An **infill clogged with contaminants** can leave the surface feeling hard underfoot, affecting playing characteristics such as ball roll and bounce.

*Best practice is to complete a Revite® annually*

### IMPROVED DRAINAGE



By reducing contamination at a deeper level, our Revite® facilitates the **drainage of water** through the carpet, helping the surface to retain its playing and performance characteristics.

*On sand-based surfaces, Revite® is usually carried out April-September; on 3G surfaces it can be completed throughout the year*

**Benefits of completing Revite®.** removal of contamination from the upper reaches of infill // helps to retain original playing characteristics // reduction of contamination levels will help to regulate drainage and porosity // regulates and redistributes the infill levels // lifts and recovers the carpet pile // reduces abrasion injuries and burns caused by flat pile (3G only) // reduces surface compaction // improves user comfort and surface perception



# MAINTENANCE GUIDELINES

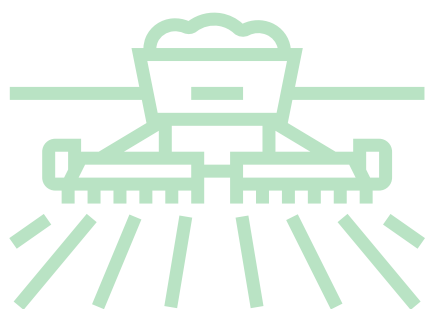
## 3G PITCH POWERGRADE®

Regular decompactions help to regulate the infill on 3G surfaces. However, over time the infill will compact and consolidate below the working levels of the decompaction process. Performance testing may also highlight issues with compaction at the base of the carpet. When this occurs, a PowerGrade® should be completed.

**Complementary Services:** 3G DECOMPACTION

REVITE®

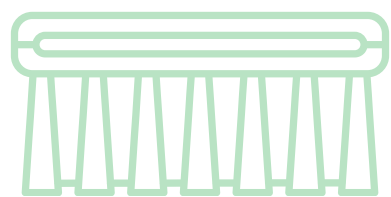
INFILL TOP-UP



### DEEPER DECOMPACTION

During the PowerGrade® process, the infill will be **decompacted widthways and lengthways over multiple passes**, to ensure that it is completely fluid. The infill will be displaced from within the pile and will be visible on top of the playing surface.

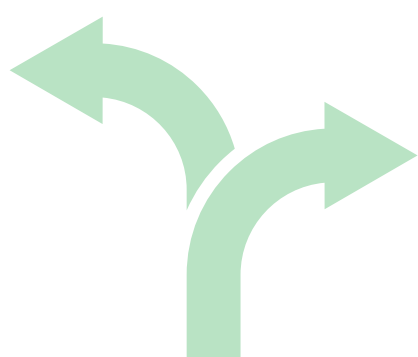
*The surface should be cleaned in advance of undertaking a PowerGrade®*



### INFILL REDISTRIBUTION

The infill is then brushed back into the surface, ensuring that the **levels are evenly distributed**. The surface will be ready for play immediately after the works are completed.

*Infill distribution contributes to an even wear rate across the surface*



### ROUTINE vs CORRECTIVE

Our routine PowerGrade® uses SMG machinery to remedy issues of **infill distribution and compaction**. Our corrective PowerGrade® is a specialist service utilising the SMG RotoTine to offer a multi-directional decompaction that addresses **surface performance** issues, such as vertical ball rebound.

*Contact your Technical Manager for advice*

**Benefits of completing a PowerGrade®.** supports the carpet pile, slowing the rate of deterioration // improves playing & performance characteristics & aesthetics // reduces abrasion injuries & burns caused by flat pile // regulates & redistributes the infill levels // helps to achieve & retain any required certificated performance criteria // improves user comfort and surface perception

#MAINTAININGSTANDARDS



## REJENERATION® DEEP CLEAN

An artificial surface acts like a filter, trapping dust and debris as water drains through the system. Over time, this will clog the infill and reduce porosity. Via our patented Rejuvenation®, it is possible to restore the pitch drainage.

**Complementary Services:** DRAG BRUSHING  
MATCHFIT®  
REVITE®



### A PATENTED PROCESS

Rejuvenation is a patented process using a unique 'hammer action' to fire hundreds of jets of **compressed air** per second into the carpet, breaking down the crust to reach deeper into the infill.

*Other infill extraction machinery is available in case of restrictions due to access or logistics*



### INFILL EXTRACTION

Rejuvenation incorporates the use of compressed air to extract contaminated material. **Efficiency of extraction** ensures that significantly more infill is removed. New infill is then imported and evenly distributed using specialist machinery.

*On a full-sized football pitch this equates to approximately 70 tonnes of extracted contaminated material*



### 5-YEAR GUARANTEE

Rejuvenation comes with a 5-year performance guarantee, subject to the correct maintenance being implemented post-works. **Extending the usable life of the surface** helps to delay the high cost of resurfacing.

*Rejuvenation is usually only required 1-2 times during the life of an artificial surface*

**Benefits of completing Rejuvenation®** controlled, even, efficient and clean extraction ensures that new infill material is not dressed onto a contaminated layer // restores original drainage characteristics // improves surface performance characteristics // no moving parts during extraction means there is no risk of damaging the carpet fibres // life expectancy extended by 5+ years // more cost-effective than resurfacing // improves user comfort and surface perception



## WINTER REVIVAL™

Surfaces filled or dressed with sand may experience silting after periods of heavy rain. This is caused by drainage issues resulting from infill contamination. Silt deposits leave the surface slippery underfoot, presenting an ongoing health & safety risk to users.

**Complementary Services:** REJENERATION®



### IMPROVED AESTHETICS

Technical Surfaces uses the **SMG SportChamp** with front sweeping brush to carry out our Winter Revival™, working the silt away from the surface. Offers short-term surface performance improvements in terms of traction and aesthetics.

*Surface silting is likely to reform following periods of inclement weather.*



### OPEN FOR BUSINESS

By removing the top layer of silt and contamination, the Winter Revival™ addresses immediate health & safety concerns, enabling the surface to remain open for a short period to host key events when it **might otherwise be forced to close**.

*Process typically takes 1 day to complete*

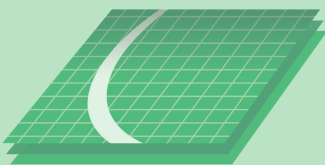


### TEMPORARY SOLUTION

A Winter Revival™ will help to improve the surface in the short term. It should not be regarded as a remedy, but as a **cosmetic improvement** and a stopgap until Rejuvenation® or resurfacing can be completed.

*The Winter Revival™ treats the symptoms, but cannot address the underlying issues compromising the drainage*

**Benefits of completing Winter Revival™** removal of the top layer of silt and contamination // helps to improve surface traction in the short-term // overall cosmetic appearance is also improved // enables the surface to remain open for a short period to fulfil key events // ideal as a stopgap to keep the surface in operation until Rejuvenation® or resurfacing can be completed // process can be repeated as required

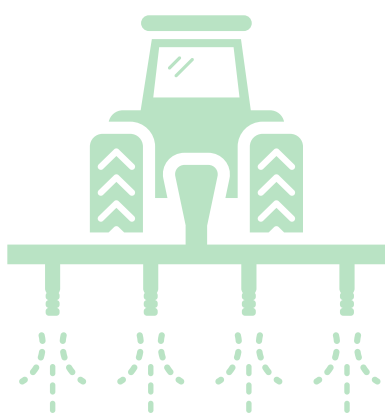




## PITCH HYDROTECH®

A water-based surface acts like a filter, trapping dust and debris as water drains through the system. This in turn impacts on porosity levels, which can cause moss and algae to develop within the carpet pile. Whilst regular specialist maintenance helps to regulate this, moss and algae will unavoidably develop, requiring specialist intervention.

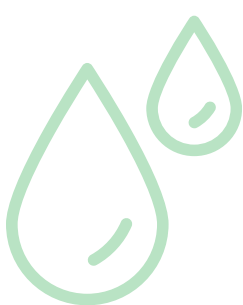
**Complementary Services:** CHEMICAL TREATMENT



### CHEMICAL TREATMENT

Apply Chemtech water-based concentrated liquid biocide to the entire surface **approximately 2-3 weeks in advance**, to give the biocide time to activate and ensure that any moss, weeds and algae are fully dead before the Hydrotech can commence.

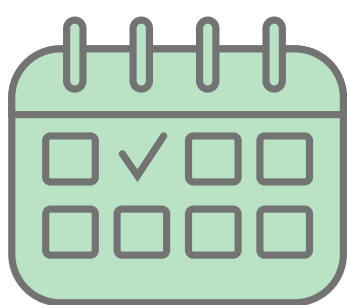
*A further application may be required post-Hydrotech®, to treat any remaining moss & algae*



### PRESSURE WASHING

Our Hydrotech® process is completed using the Hörger artificial turf cleaner SKR. This specialist machinery utilises **high-pressure water and rotary brushes** to remove contamination, algae and moss from within the carpet pile.

*Stubborn areas may require multiple passes to achieve the desired results*



### AN ANNUAL SERVICE

A Hydrotech® should be completed **once a year** on water-based surfaces, to complement the in-house and specialist maintenance programme. Some surfaces may require Hydrotech® more frequently (elite level Hockey clubs, or surfaces with excessive contamination, algae or moss development).

*Hydrotech® typically takes up to 3 days to complete on a 6000m surface*

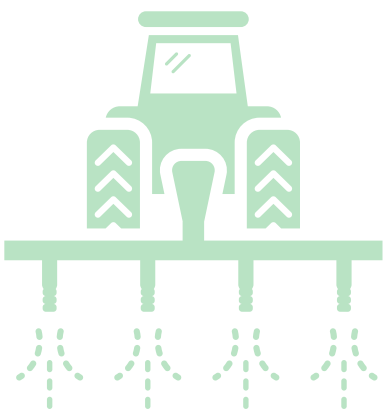
**Benefits of completing a Hydrotech®** restores original drainage characteristics // surface performance levels are improved, including traction underfoot // recovery of the carpet pile // regulates the levels of contamination, moss and algae that accrue within the carpet pile // improves user comfort and surface perception



## TRACK HYDROTECH®

There are various types of athletics tracks and polymeric surfaces, all of which suffer from contamination accrual, as well as a build-up of moss, algae and lichen. These issues will impact on the safe use of the surface by compromising the traction underfoot.

**Complementary Services:** CHEMICAL TREATMENT  
TEXTURE SPRAYING  
LINE MARKING



### CHEMICAL TREATMENT

Apply Chemtech® water-based concentrated liquid biocide to the entire surface **approximately 2-3 weeks in advance**, to give the biocide time to activate and ensure that any moss, weeds and algae are fully dead before the Hydrotech® can commence.

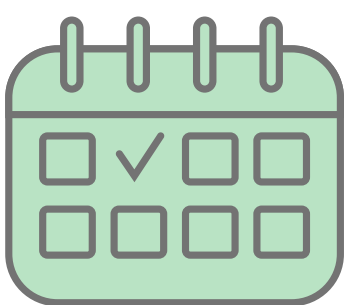
*A further application may be required post-Hydrotech®, to treat any remaining moss & algae*



### PRESSURE WASHING

Our Hydrotech process is completed using the **Hörger synthetic track cleaner KBR**. This specialist machinery utilises high-pressure water delivered through nozzles fitted to rotary arms to clean the track, removing contamination, algae and moss.

*Any difficult-to-access areas will be cleaned using the built-in hand lance*



### AN ANNUAL SERVICE

A Hydrotech® should be completed **once a year** on athletics tracks, to complement the in-house and specialist maintenance programme. Some tracks may require Hydrotech® more frequently (elite level Athletics clubs, or tracks with excessive contamination, algae or moss development).

*The time to complete a Hydrotech® will vary depending on track size / condition*

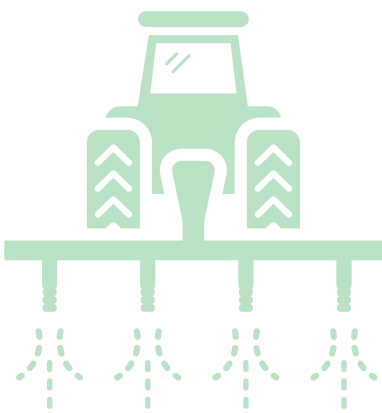
**Benefits of completing a Hydrotech®** restores original drainage characteristics // surface performance levels are improved, including traction underfoot // helps to retain or work towards TrackMark accreditation // improves user comfort and surface perception



## POLYMERIC HYDROTECH®

There are various types of polymeric surfaces, all of which suffer from contamination accrual, as well as a build-up of moss, algae and lichen. These issues will impact on the safe use of the surface by compromising the traction underfoot.

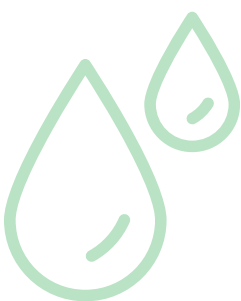
**Complementary Services:** CHEMICAL TREATMENT  
TEXTURE SPRAYING  
LINE MARKING



### CHEMICAL TREATMENT

Apply Chemtech® water-based concentrated liquid biocide to the entire surface **approximately 2-3 weeks in advance**, to give the biocide time to activate and ensure that any moss, weeds and algae are fully dead before the Hydrotech® can commence.

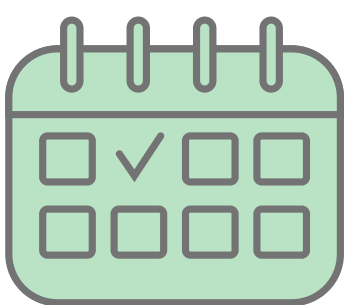
*A further application may be required post-Hydrotech®, to treat any remaining moss & algae*



### PRESSURE WASHING

Our Hydrotech® process is completed using either the **Hörger synthetic track cleaner KBR** or **specialist hand-held machinery**, utilising high-pressure water delivered through nozzles fitted to rotary arms to clean the surface, removing contamination, algae and moss.

*Any difficult-to-access areas will be cleaned using the built-in hand lance*



### AN ANNUAL SERVICE

A Hydrotech® should be completed **once a year** on polymeric surfaces, to complement the in-house and specialist maintenance programme. Some surfaces may require Hydrotech® more frequently, depending on usage levels and environmental factors.

*The time to complete a Hydrotech will vary depending on surface size / condition*

**Benefits of completing a Hydrotech®** restores original drainage characteristics // surface performance levels are improved, including traction underfoot // improves user comfort and surface perception



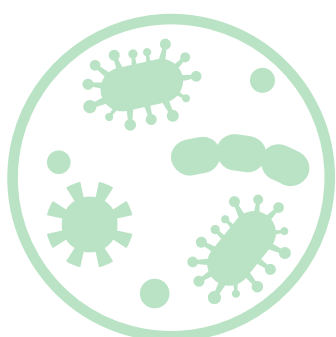
## SANITECH<sup>®</sup> TREATMENT

Due to their outdoor location, most surfaces can develop harmful bacteria. If not controlled, it will impact on the safe use of the surface. Sanitech<sup>®</sup> treatments can help to ensure that surfaces remain as clean as possible, reducing the risk of infection or injury to users.

**Complementary Services:** MATCHFIT<sup>®</sup>  
REVITE<sup>®</sup>

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### REGULATE BACTERIA



A proactive regime of Sanitech<sup>®</sup> treatments will help to regulate bacteria levels and **reduce the risk of infection or injury**. A full surface Sanitech<sup>®</sup> treatment takes approximately 3-4 hours based on a full-size surface of 6000m .

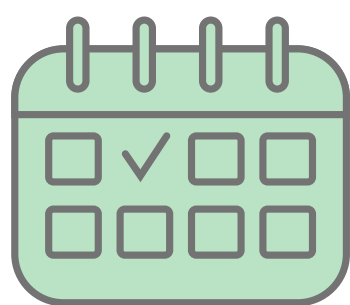
*A high pressure / high capacity water source will be required*



### MANUAL vs MECHANICAL

Depending on the size of the area being treated, treatments can be applied by using hand or backpack sprayers, or by mechanically driven larger boom sprayers. Where possible, we will use our high capacity (270 litre) **SMG Spray Device**, attached to the SportChamp.

*Fully qualified Technicians only*



### AN ANNUAL SERVICE

A Sanitech<sup>®</sup> treatment should be applied to the full surface **at least once a year**. Specific or immediate concerns (e.g. blood injuries, Coronavirus, bird droppings) may dictate that additional treatments are required ad hoc.

*Sanitech<sup>®</sup> does not treat toxocariasis, which is caused by roundworm parasites present in cat, dog, and fox droppings*

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**Benefits of completing a Sanitech<sup>®</sup> Treatment.** helps to regulate bacteria levels and reduce the risk of infection or injury // quick resolution of specific or immediate concerns e.g. blood injuries, Coronavirus, bird droppings // complies with any stated requirement to undertake a decontaminant treatment // pitch remains safe and usable and is not closed for an extended period

