

REJUVENATION & RENOVATION OF SPORTS PITCH

Artificial Grass, Synthetic Turf & Astro Turf Sports Pitches & MUGA'S

Removes Established Moss – Removes Established Algae – Restores Drainage – Replaces Infill – Lifts Carpet Pile

The rejuvenation of an astro turf pitch can restore it to a virtually 'as new' condition. The rejuvenation process removes the conditions of infill compaction and



Astro turf pitch contaminated by moss & algae before Rejuvenation

Depending on any maintenance regimes, the location of the astro and the degree of use, an astro turf pitch will require a rejuvenation process at some stage during its useful existence. The artificial grass rejuvenation process will benefit the surface by extracting the contaminated and compacted fill from the synthetic grass carpet and replacing it with new. This, in effect, replaces a large



Infill compaction & contamination leads to flooding and poor drainage

Poor drainage can lead to a condition known as 'algal squidge' which produces a slippery algal bloom over the astro surface which is not only unsightly but very slippery – The Rejuvenation of an Artificial Grass Sports Pitch Solves This Problem

contamination as well as synthetic grass pile fold which lead to problems such as hardening of the surface, flooding, moss and algal growth, as well as slime growth.



Astro turf pitch after Rejuvenation with old infill extracted

proportion of the system with a new element. The effect of the astro rejuvenation is to restore drainage to the system, lift and separate the synthetic turf carpet fibres, and remove the moss and algal spores that have built up in the infill over time along with any other established contamination.



SSP Rejuvenation unit extracts the infill by a compressed air process



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Rejuvination unit using compressed air to extract contaminated infill

Rubber filled astro turf areas benefit from rejuvination

Rejuvination works can be carried out in most weathers except driving rain and frost. The rejuvination process uses a compressed air system to extract infill. Power washing using a water system is not recommended for artificial grass surfaces as this type of process can force contamination deeper into the carpet pile as opposed to removing it.

The Rejuvination of an Astro Turf Process

Step 1 – Extract the infill using a Rejuvination Unit



Step 2 – Collect the contaminated infill



Step 3 – The contaminated infill is removed



Step 4 – New infill is applied to the artificial grass



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