



synthetic **sport & play** surfaces



Dura-Sport is one of the UK's leading independent synthetic surfacing companies. As we are not tied to a specific manufacturer, we are able to supply and install the most suitable surface type for your project within your specified budget. Dura-Sport are SAPCA and Constructionline members and all installations are completed to the highest standard in accordance with SAPCA (the Sports and Play Construction Association) guidelines.

Multi-Sport Facilities

Multi-Use Games Areas (MUGA's)

A MUGA is a practical and cost effective solution which allows a number of different sports to be played within the same area by incorporating multiple line markings and sports equipment. A MUGA is usually constructed in accordance with budgetary limitations and available space. This type of facility is generally sought for school and community use.

Dura-Sport can design and construct a new MUGA in its entirety, including the supply and installation of a full range of surfacing, rebound fencing, lighting and sports equipment. We also specialise in the upgrading of dilapidated facilities and redundant areas by installing a range of systems and surface types.

Full Size Synthetic Grass Pitches

Full size synthetic grass pitches are usually built to specific dimensions in accordance with the rules of the game for the most prominent sport. These areas are often used for competitive matches as well as general school or community use. As a facility is usually built with a prominent sport in mind, Dura-Sport is able to tailor the installation to comply with required performance standards and meet specific user requirements for both the facility manager and the end-user.

Indoor Surfaces

Indoor surfaces can take a number of forms including synthetic grass and point elastic. Indoor facilities such as sports halls are often used for both sport and non-sporting activities such as exams and exhibitions and we are able to offer a surfacing solution to meet your specific needs. Dura-Sport specialise in the resurfacing of these areas for both public and private sector clients throughout the UK.



Multi-Use Games Areas (MUGA's)

A MUGA will typically be enclosed by a ball-stop rebound fence which can include recessed goals and integrated basketball fittings. In order to increase revenue and usage, a lighting system is often featured in the installation.

The most common surfacing solutions can accommodate all of the major sports as shown in the table below. However, as each sport has different performance requirements (i.e. ball bounce, ball roll and traction) some surfaces, in our experience, are more suitable than others.



Surfacing Solution	Football	Tennis	Basketball	Netball	Hockey
Porous Macadam	•	••	•••	•••	•
Synthetic Grass	•••	•••	••	•	•••
Synthetic Grass + Shock Pad	•••	•	••	•	•••
Polymeric (rubber)	••	•	•••	•••	•

Indoor Sport Flooring

There are a number of sports surfaces suitable for indoor use. The two most recognised being synthetic grass and point elastic. Synthetic grass can be the ideal solution where the primary use is ball sports. Where the facility is used for both sport and non-sporting activities, for example where items such as chairs or trampolines are used or roller skating takes place, a point elastic system is recommended.

Point elastic is a rubberised product which can be laid directly on to an existing base. It is impact and energy absorbing and extremely hard wearing.



Full Size Synthetic Grass Pitches

The surface and system type for full size pitches is usually determined by performance requirements as grant funding is often available.

Synthetic grass pitches are ideally constructed using an engineered base to improve structural stability. However a dynamic base can be used where budgetary constraints apply.

There are many different types of synthetic grass, all with their own characteristics. Some can be laid directly on to a dynamic base while some require an engineered base with a shock absorbing performance layer (shock pad) in order to meet performance guidelines. The table illustrates the suitability of the most commonly used synthetic grasses for the major sports.



Synthetic Grass	Football	5-a-side	Tennis	Hockey	Rugby
Sand filled	••	••	••	••	•
Needle punched	••	••	••	••	•
Sand dressed	••	••	••	•••	•
3G 40mm	•••	•••	n/s	••	•
3G 50 / 60mm	•••	•••	n/s	n/s	••
3G 65mm+	••	••	n/s	n/s	•••

Key for Tables

Excellent Performance	•••
Good Performance	••
Adequate Performance	•
Not Suitable	n/s

Dura-Sport are specialist sport and play surfacing contractors with over 15 years experience in the construction and renovation of multi-use games areas throughout the UK. Our sister company Leisure Care provides a comprehensive maintenance service, helping you to protect your investment and keep your facility in optimum playing condition throughout its life.

Please contact our technical department to discuss your requirements or visit our website for further information.

www.dura-sport.co.uk

