



Sports Surfacing Design

Surfaces for football, rugby, tennis, netball, basketball, hockey etc

We are able to design bespoke sports pitch solutions to meet any requirements.

There are various surfacing specifications, sizes and colours to choose from to suit any sport.

We can adjust designs and specifications to meet your needs and budget. Most importantly, our systems provide a surface that is safe and robust.

Sport Facility Specifications

Our team can offer various sport surface designs with a wide range of colours. We can provide standard pitch designs and bespoke solutions that may include your logo or crest for example. If you already have a polymeric or macadam court installed we can also alter, upgrade or repair the existing surface.

Our main aim is to ensure you are satisfied with the completed design. If you have any further questions please contact Alumasc Surfacing Solutions.

Call 01744 648 400



SPORTS SURFACING OPTIONS

As experts in the installation of sports facility surfacing, we offer a whole range of different surface specifications which suit each individual sport. The surface types we install include:

3G Pitch / Artificial Grass:

This surface type is ideal for football and rugby as it is infilled with a layer of rubber crumb granules which help the pitch provide natural playing characteristics. The third generation synthetic carpet is usually installed onto a shockpad which gives support to players' joints and prevents injury while taking part in training or matches.

2G Sand Filled / Sand Dressed Synthetic Turf:

This artificial, all weather pitch specification has a layer of silica sand infill applied at the base of the synthetic grass fibres. By installing this sand the turf pile is kept upright and gives great playing qualities for football and hockey as it allows the ball to roll evenly across the pitch.

Needlepunch Synthetic Turf:

A fibre-bonded, woven artificial grass surface which is extremely durable and is available in a range of bright colours and rainbow designs. Needlepunch specifications are often used for multi-use game areas and long jump or athletics runways. The reason it's generally used in these applications is because the flooring is durable, hard wearing and has excellent slip resistant qualities. The surface meets accreditations BS EN 15330 and BS 7188.

Polymeric Rubber Surfacing:

Our Polymeric Rubber Surface is made up of EPDM rubber granules which are mixed together with a binder. Polymeric surfaces are commonly installed for tennis courts, multi use games areas (MUGAs) and athletics tracks. An anti-slip paint coating can be applied to a polymeric sports surface to improve grip and enhance the game play qualities.

Macadam Surfaces:

The Macadam Surface is hard wearing and requires little maintenance, its good ball bounce capabilities mean that Macadam lends itself to tennis and netball sports surfaces. These sports surfaces can be treated in an anti-slip coating which achieves a slip resistance of TRRL 75.



SURFACE TYPES: SAND FILLED PITCH



Sand filled synthetic turf is a vertical pile tufted carpet with sand infill and is a hard wearing, all weather sports surface.

Sand filled surfacing is ideal for full sized synthetic turf pitches (STPs) and MUGAs because it has excellent durability. The pile yarn can be polypropylene, polyethylene, or nylon material and the pile heights vary depending on what sports are being played. The most common pile height is usually 20-24mm multi use carpet, which is fully infilled with a silica sand to support the backing and keep the yarns vertical.

2G sand filled artificial turf is ideal for use in schools, leisure centres and sports pitches where several sports are played, such as football, hockey, basketball, netball and tennis. It's fully porous and can adapt to suit summer and winter weather conditions. The surfacing can be customised to suit specific activities and is suitable for both recreational and competitive play.



SURFACE TYPES:

SAND DRESSED SURFACING

A sand dressed pitch is a 2G artificial grass surface which is typically used for playing hockey.

A synthetic turf carpet which is designed to mimic natural playing characteristics offering an ideal surface for ball sporting activities such as football and hockey, these are usually installed at schools and sports clubs as they are much more durable and strong than natural turf.

There's a thin layer of sand installed within the grass fibres to keep it stable and allow the ball to roll smoothly. This is ideal for hockey pitch facilities as it provides the most effective performance. The carpet surfacing we supply as part of our sand dressed services is hard wearing, durable and provides excellent performance and safety characteristics for both professional and recreational use.



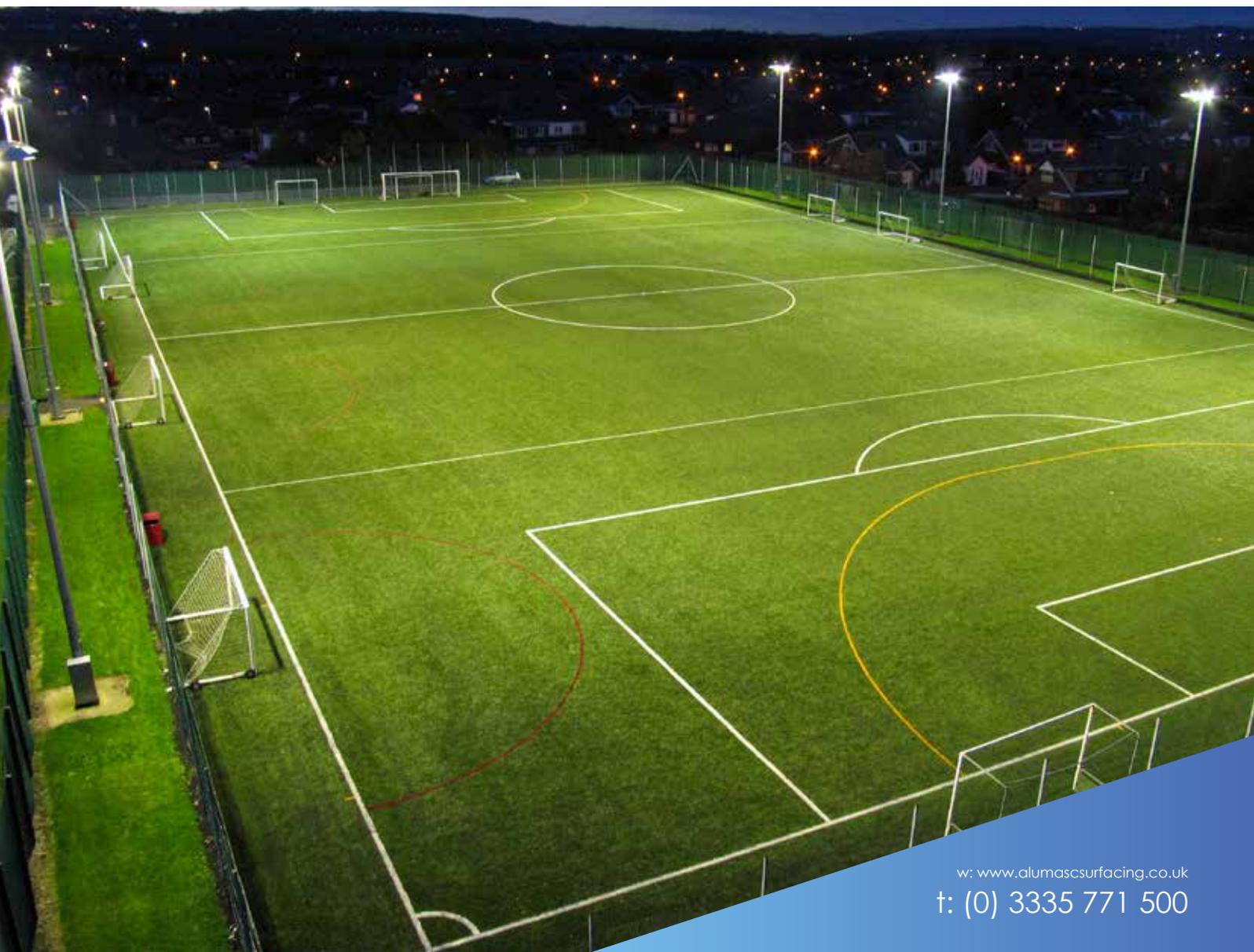
SURFACE TYPES: 3G FOOTBALL PITCH



Third generation synthetic grass sports pitches are extremely popular throughout the UK and are often used as an all-weather alternative to natural grass surfacing.

5. 3G grass surfaces require less maintenance compared with real grass and can be used much more frequently without becoming damaged. Many organisations benefit from the latest technology surfacing, see examples below:

- Schools:** 3G artificial turf surfacing installed to reduce the number of cancelled physical education lessons due to poor weather conditions.
- Colleges:** Synthetic 3G pitches for use in after-college activities, sports matches etc.
- Universities:** Full sized pitches for competitive football matches all year round without a chance of waterlogging during heavy downpours.
- Leisure Centres:** A sports surface with line markings for football, rugby and hockey, opening up different avenues for rentals.
- Sports Clubs:** Football, rugby and hockey clubs across the UK can utilise an artificial pitch to enhance their facilities.



SURFACE TYPES: POLYMERIC SERVICES

Polymeric sports flooring is a surface which is made up of EPDM rubber and can come in a range of designs.

It is ideal for creating a hard court which is suitable for playing tennis, basketball, netball and other activities. Rubber EPDM surfacing is a popular specification option as it provides ideal ball bounce and slip resistance qualities. The polymeric surfacing is water-permeable making it SuDS compliant.

It is common for schools and leisure centres to have polymeric flooring installed, as it is durable and strong enough for regular use. If you are looking to create a multi-purpose facility the polymeric surfacing is a great option as it's versatile and can be used for many different sporting activities.



SURFACE TYPES: MACADAM



A macadam court is a type of sports surfacing which is commonly found at schools and clubs.

It's a versatile flooring type which can be used to play netball, tennis, basketball and many other activities. Tarmac is an all weather surface which is strong enough to withstand heavy use on a regular basis. This makes Macadam sports surfaces ideal for schools and leisure centres that require a long lasting and durable outdoor space.

Macadam surfacing is a popular choice for a wide range of sports courts as it provides ideal ball bounce and slip resistance qualities for tennis, basketball and netball. It's also versatile enough to be used for MUGAs which house multiple sports on one surface. Tarmac sports surfaces are water permeable which allows good water drainage, meaning that the facility is suitable for use in all weather conditions.





SURFACE TYPES: NEEDLEPUNCH SERVICES

A needlepunch pitch is a type of sport surfacing made from artificial turf. It has curly yarn fibres making it slightly different from other synthetic grass specifications, but this also makes it more durable and versatile.

Also known as multisport turf, the needlepunch surfacing is available in a range of vibrant colours, and features a sand infill to provide suitable playing surface for a selection of sports.

This fibre bonded artificial sport surface is a hard wearing, durable surfacing option for MUGAs, all-weather sports pitches and athletics tracks. Needle punch synthetic grass is a popular choice for primary schools as it provides a softer impact absorbing surface compared with traditional macadam or polymeric rubber sports courts.

We can carry out the needlepunch services for a range of specifications and dimensions to suit your individual requirements and ensure it fits within your budget to ensure that you're happy with the final product. Our designs and quotes can all be tailored to suit your organisation and ensure that your needlepunch sports facility has the best possible performance and safety characteristics for everyone who uses it.





A seamless solution backed up by unparalleled technical support and extensive warranties.

If you require any further technical information please visit www.alumascsurfacing.co.uk



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