

***ULTIPLAY***

***ULTIPLAY***  
*POROUS*

The ultimate safe, durable play surfaces





**Tarmac ULTIPLAY is a specialist asphalt surface designed for playgrounds and recreational areas.**

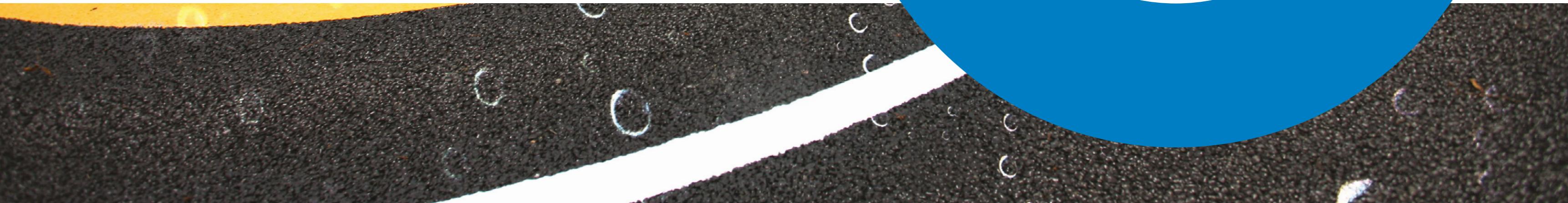
Also available as a porous asphalt ULTIPLAY POROUS provides excellent drainage characteristics where this is the key priority.

Safety is the main consideration when designing any play surface. Loose aggregate, cracked or uneven surfaces and standing water or ice, can all put children's safety at risk.

With this in mind, Tarmac have developed a range of high performance asphalts, that make it easier to achieve the smooth, even, long lasting finish.

With modified binder and specially selected 6mm aggregate, these products deliver long lasting durability, for a safe, low maintenance finish.

***ULTIMATE  
SOLUTIONS***



# ULTIMATE RESULTS

## **Smoother surface**

Using specifically selected 6mm aggregate and a modified binder, ULTIPLAY is normally laid in a 25mm layer and delivers a smooth, even surface with long-lasting durability.

## **Better finish**

The modified binder improves workability during construction, making it easier to achieve good compaction and a consistent finish.

## **Improved water clearance**

Quicker draining than conventional asphalt, these specialist surfaces extend playing time for users, meaning that courts are available for use shortly after rainfall.

## **Choice of colours**

Available in black and red as standard, there are also a range of other colours available as part of our ULTICOLOUR range, with a choice of aggregate to suit site aesthetic requirements.

## **Ultimate quality**

Our third party accreditation procedures ensure a consistently high quality products are supplied at all times.

## **Ultimate solutions**

Available with a range choice of different aggregates and binders to suit client specifications and site requirements.

## **HOW IT WORKS**

### **Safety first**

Continuous surface abrasion can tear aggregate from the standard binders. The resulting loose aggregate can cause safety issues, increasing the risk of slips and falls. The modified binder in ULTIPLAY and ULTIPLAY POROUS allows excellent compaction and helps maintain surface cohesion so that aggregate remains locked in place.

ULTIPLAY is available with selected aggregates to meet specific site requirements. This includes fine graded limestone that is less abrasive to the skin in the event of a fall.

Where ULTIPLAY POROUS is specified, the open structure also eliminates surface water, thereby improving grip and reducing ice formation in cold weather conditions.

### **Low maintenance finish**

The seasonal threat from frost and weeds can cause severe damage to conventional asphalt surfaces. The expansion of ice generates sufficient force to turn small faults into hazardous cracks.

The durable surface of ULTIPLAY and ULTIPLAY POROUS provides enhanced resistance to these seasonal threats. This helps to maintain a safe and stable surface and minimise the need for maintenance and repairs. As a result, playgrounds last longer and budgets can be spent on new equipment rather than repairs.

# PROVEN PERFORMANCE



## **ULTIPLAY POROUS** *Community school, Smethwick, Birmingham*

### **CHALLENGE**

Crocketts Community School in Smethwick, Birmingham, is an 'Exemplar Schools Project', demonstrating a commitment to the highest affordable levels of sustainable construction. A stipulation of the project's planning conditions was that porous paving must be used for the hard play and multi-use games areas (MUGA).

### **SOLUTION**

In consultation with the client and contractor teams, ULTIPLAY POROUS was proposed as part of a complete sustainable drainage system, to provide a safe and durable playing surface.

### **RESULT**

As expected, ULTIPLAY POROUS has provided a safe, robust and versatile surface that has proven to be ideal for the mixed requirements of a modern community school. The porous surface and accompanying sustainable drainage system has meant that sports and play areas have remained open, even during poor weather, while helping to avoid local flooding.

## **ULTIPLAY and ULTICOLOUR** *Academy school, Shrewsbury*

### **CHALLENGE**

The client required a safe, durable outdoor surface that could be used for general outdoor play activities. It also needed to coordinate with the modern architecture and match the high standards of finish in this modern school development.

### **SOLUTION**

ULTIPLAY was recommended for play areas along with ULTICOLOUR, Tarmac's high performance coloured asphalt, for use as a multi-use sports surface and for surrounding pathways and outdoor surfaces.

### **RESULT**

The smooth, even finish of ULTIPLAY provided a safe, low maintenance surface for the play areas while ULTICOLOUR provided a high visibility surface for games areas and surrounding pathways. Both helped to provide a vibrant learning environment for pupils and complimented the modern design of the school.

### **ULTIMATE PERFORMANCE**

ULTIPLAY and ULTIPLAY POROUS help to keep play areas safe and reduce the impact of poor weather conditions.





## EXPERT ADVICE AND SUPPORT

No two projects are exactly the same. By combining our unique experience in asphalts with our unparalleled access to high quality aggregates we are able to supply solutions that perfectly match client requirements.

### TYPICAL APPLICATIONS

ULTIPLAY and ULTIPLAY POROUS are specialist asphalt solutions designed for use in a wide range of play and recreational environments, from parks and community spaces to school playgrounds.

Both are designed as a 6mm surface course to be laid at a nominal 25mm thickness to provide a durable high performance finish.

Using specially selected aggregates and incorporating a binder modifier ULTIPLAY POROUS provides achieves a more open structure for improved drainage. Where localised flooding is a particular problem, this can be used as part of a complete sustainable drainage system, designed and installed by the Tarmac Contracting division.

### TECHNICAL DATA

	Typical Design Voids	Typical Hydraulic Conductivity
Standard	BS EN 12697-8	DD229
Ultiplay Porous	16.0%	8000mm/hr (min 5000)
Ultisport Binder Course 10mm	20.0%	15000mm/hr (min 5000)
Ultisport Binder Course 14mm	20.0%	15000mm/hr (min 5000)

## OUR SUPPORT

### FAQs

#### ***Where can I use ULTIPLAY?***

ULTIPLAY has been designed for use in playgrounds and recreational environments including skate parks.

#### ***How does ULTIPLAY improve safety?***

The modified binder locks in aggregate, improving surface integrity and grip and reducing the risk of injury. ULTIPLAY POROUS also improves drainage, eliminating the problem of standing water and reducing the risk of ice.

#### ***Is ULTIPLAY available in any other colours?***

ULTIPLAY and ULTIPLAY POROUS are available in black or red as standard. There are also a wide range of other colours available as part of our ULTICOLOUR range, with a choice of aggregate to suit site requirements.

#### ***Why choose ULTIPLAY POROUS?***

Using the latest porous asphalt technology and a modified binder, ULTIPLAY POROUS provides effective drainage, along with impressive resistance to surface wear. As a result it eliminates the problem of both standing water and reducing ice formation in cold weather conditions.

#### ***What other drainage solutions do Tarmac supply?***

ULTIFLOW is a range of permeable drainage aggregates sub-base for improved drainage with a proven history of effective performance. Our contracting division can also design and install ULTISuDS, a complete sustainable drainage system.

#### ***Can ULTIPLAY and ULTIPLAY POROUS be used for vehicle parking?***

Providing they have been laid in accordance with recommended guidelines and the base courses are suitably robust, both ULTIPLAY and ULTIPLAY POROUS are durable enough to be used for occasional vehicle parking.

#### ***Is ULTIPLAY suitable for outdoor sports surfaces?***

ULTIPLAY is ideal for general school sports activities, however Tarmac also supply a specialist range of sports surfaces: ULTISPORT TENNIS and ULTISPORT MUGA that deliver the consistent higher standard playing surface that players expect.



## MORE ANSWERS

For more information about Tarmac ULTIPLAY contact your local regional office or visit [tarmac.com](http://tarmac.com)

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[TARMAC.COM](http://TARMAC.COM)



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