



INSTALL | MAINTAIN

UNI-TURF EMBOSSED PVC VINYL FLOORING

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ABOUT SPORTS SURFACES UK

Sports Surfaces (UK) Ltd are a family company with a strong established product portfolio and a sound, well-respected, standing within the sports flooring market, trading since 1993. Sports Surfaces UK Ltd supply & install all our own products "in house" by our experienced manufacturer-trained installation teams.

OVERVIEW

Since its arrival in the UK in 1972, this high quality embossed vinyl sheet material has gained worldwide acceptance as an excellent surface for sports halls, cricket schools, tennis centres and athletics halls.

FOR MULTIUSE AND NON-SPORT USE

Practically every indoor sport can be played on Uni-Turf. It is resilient, non-reflective, tough, long-lasting and safe. It is particularly good for cricket coaching, tennis and badminton. Its anti-reflective embossed surface ensures a more positive true bounce with the added ability to take spin which makes it easy to understand why Uni-Turf is a popular choice in the punishing environment of major indoor cricket schools.

There is a tremendous amount of experience built into Uni-Turf including a world-wide knowledge of putting synthetic sports surfaces to use for widely differing activities. Uni-Turf can be installed directly onto concrete or with a granular rubber under pad which meets the European Standard for sports hall floors, the EN14904 and the ECB TS3 specification for cricket as a prime sport.

UNI-TURF FOR SCHOOLS

Uni-Turf is a popular product for use in schools, this can include both new-build projects and refurbishments; The King John School in Benfleet originally had a tired woodblock floor over which we installed Uni-Turf with a rubber shock pad (meeting EN14904 and the ECB TS3 standards). This

surface is used for just about every sport such as cricket, netball, hockey and basketball along with non-sport applications such as exams and parents' evenings.

UNI-TURF FOR CRICKET

We supply and install Uni-Turf throughout the world; it is the first choice for many prestigious worldwide indoor Cricket Schools. Here in the UK alone we have supplied and installed Uni-Turf at Lords, Headingley, The Oval, Hampshire CCC, Devon Cricket Centre and the National Sports Centre, Lilleshall to name but a few.

Overseas cricket markets include South Africa, where the country is rapidly upgrading its coaching facilities; installations include the Wanderers CC in Johannesburg and Kwazulu Natal Cricket Union Indoor School at Kings Park in Durban. We have also completed several installations across Bangladesh, Pakistan and more recently in India for the BCCI as the Indian Cricket Board are insisting on Uni-Turf and state of the art facilities. Other recent world-wide cricket installations include Melbourne CC Australia, Auckland Cricket Association Indoor Training Centre, New Zealand and the High Performance Centre in Dhaka, Bangladesh.

UNI-TURF FOR TENNIS

Sports Surfaces (UK) Ltd installations include Bodmin Tennis Centre, Cornwall and The Robin Park Sports & Tennis Centre in Wigan, both LTA Indoor Tennis venues.

UNI-TURF FOR ATHLETICS

Sports Surfaces (UK) Ltd are also actively involved in Indoor Athletics Facilities where Uni-Turf has been installed at Birmingham's National Indoor Arena, and Monkton Stadium, Jarrow and overseas installations include Ekeberghallen in Oslo, the scene of indoor world record breaking performances.

LOW MAINTENANCE

Uni-Turf is very easy to care for! It is an extremely resilient floor, resistant to damage by outdoor shoes, chair legs and bleacher wheels, plus it comes with a 5 year guarantee as standard with many of the facilities get upwards of a 20 year lifespan from their floor.

Uni-Turf only requires a regular detergent wet wash - both the cleaning machine and detergent are supplied by ourselves. We also offer a Deep Clean service which brings the floor back to "as good as new". Should the Uni-Turf surface get damaged or a heavily trafficked area get worn out (the bowlers run up for example), our trained installers can simply remove and replace the old section with a new section of material within in a matter of hours, minimising down time for the use of the floor.

Additional courts using line-paint specially developed for Uni-Turf surfaces can also be provided by our trained installers.

TECHNICAL DATA

Generally, the sub-base is either a power floated concrete slab or sand cement screed (min steel float finish) laid to a max tolerance of +/- 3mm over 3m straight edge. Uni-Turf can also be laid over plywood and dense macadam.

The sub-base design criteria should be determined by your Structural Engineers i.e. dry, clean and constructed to withstand design loads. Tolerances in finished base levels should be in accordance with BS8203: 2001: Levels: +/- 3mm under a 3 metre straight edge.

Dampness: Less than 75% RH when measures on a Hygrometer. (We would carry out checks to establish the above before proceeding to install) We can carry out Surface Preparation work including Damp Proof Membrane (DPM) & Latex Levelling and would usually offer our quote for this on request.

Thickness and Weight			
6mm for Sport Halls	7.3kg per sqm	Tensile Strength (650 shore)	7.45 MPa
Width	0.9144m or 3 foot panels	Elongation at Break	Min 300%
Specific Gravity	1.26	Water Resistance	Excellent
Hardness "Shore A"	According to Application	Colour Options	Green, Blue and Terracotta

Test Results			
Property	Conditions	Result	Specified Limit
Flammability		16-21 mm	100mm
Staining	Unaged	5 (no staining)	Grade 5 (No Staining)
Resilience with Victa cricket Ball	Unaged/Heat aged	27-29%	<= / -15%
	40oc	25-29%	<= / -15%
Resilience at elevated and sub-normal temps	5oc	23-28%	<= / -20%
Friction	Dry	Max 116 Min 102 Variation 12%	60-145 20% 20%
Spin	Unaged	350mm	700mm
Impact Severity	Unaged	0.45mm	
Taber abrasion	Unaged		
	After 1000 cycles (A)	0.19gm/1000 cycles	<3.00gm
	After 5000 cycles (B)	0.13gm/1000 cycles	<3.00gm
Heat Aged	A/B	1.3/1000 cycles	<2.0
Fatigue using a 5kg load	After 1000 cycles (A)	0.18gm/1000 cycles	<3.00gm
	After 5000 cycles (B)	0.14gm/1000 cycles	< 2.0
Resistance to spikes 5mm	Unaged	No cracking 0.1mm	Depression not to exceed 1mm
	Heat aged	No cracking 0.1mm Test surface very slightly worn	No cracking or tearing
Ozone Resilience		No cracking	
Stiffness	Unaged	2.6-3.0kn	2.5-5.5kn
	Heat	2.6-3.0kn	<+ / - 20%

uni-turf

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