

MEGATURF®

UNFILLED SYNTHETIC GRASS

Charles
LAWRENCE
SPORTS SURFACES



The **MegaTurf®** range from Charles Lawrence Surfaces Ltd consists of unfilled, pure-textile synthetic grass surfaces designed specifically for hockey and approved by the governing body of the game, the FIH (Fédération Internationale de Hockey), for all levels of international and national competition. These type of surfaces, with no sand filling, is mandatory for global FIH competitions such as the World Championships and Olympics and is widely used for the top levels of national and club competition in Britain. It is also known as a water-based pitch because the surface is wetted by a fixed watering system immediately before play.

The MegaTurf® range consists of a densely tufted carpet laid over a continuous porous polymeric shockpad and an engineered base. The complete system is designed to give, when wetted, ideal conditions in terms of pace, bounce, foot grip, comfort and safety for hockey at the very highest level, combined with long-term stability and a long life expectancy.



FEATURES & BENEFITS

A pure-textile pitch system approved by the FIH for competition at all levels.

Carpet and shockpad designed to give ideal ball/surface and player/surface interactions.

Provides fast, accurate, enjoyable play allied to safety and comfort.

Engineered base using civil engineering 'best practice' provides stability and long life.

Fixed watering system installed as integral part of pitch system.

MEGATURF® UNFILLED SYNTHETIC GRASS

A STABLE AND DURABLE PITCH SYSTEM

MegaTurf® synthetic grass pitches are built on an engineered base consisting of one or two courses of porous macadam laid on foundations of crushed rock. A continuous porous rubber shockpad, formed in situ and usually 15mm thick, is then laid over the macadam by a specialist paving machine.

Finally the synthetic grass carpet that forms the playing surface is laid over the shockpad. The rolls of carpet are laid transversely across the pitch and bonded together to form a continuous carpet, which is anchored in specially designed galvanised steel channels round the perimeter.

DENSE-PILE CARPET

To achieve the required playing performance without a sand filling, it has a relatively short pile of either 13mm or 14mm and a high pile density. MegaTurf® is available in a range of fibre materials to suit the clients needs including nylon, copolymer fibrillated and monofilament.

WATERING SYSTEM

The watering system forms an integral component of this type of pitch. We design each system individually to suit the layout of the site and the water pressure available, incorporating proprietary systems from various manufacturers. The siting, water throw and angular coverage of the sprinklers are designed to give fast, even watering of the whole area.



MAINTENANCE & RENEWAL

Routine maintenance:

Water before play to optimise ball speed and foot grip.
Regularly remove loose debris and clean away deposits.
Inspect surface annually for growth of moss or weeds.

Professional maintenance:

Repaint play lines typically annually. Apply moss/weedkiller as necessary. Pressure-wash carpet every 2 - 3 years, improving appearance and drainage and hindering the establishment of moss. After typically 10 or more years, renew the carpet on the existing porous shockpad and engineered base.

