



TRIPLE-T  SYSTEM

**The best alternative to nature**





+ optimal ball control + high ball speed + even drying of pitch + 10



## Edel Grass Triple-T System

### The new dimension in water-based pitches

Edel Grass is launching a revolutionary water-based pitch for hockey: the Triple-T System (Taeke Taekema Turf System). This synthetic turf system for hockey is a nylon look-alike and its excellent playing properties make it a perfect substitute for traditional astroturf pitches.

The unique aspect of the Triple-T System pitch is a new synthetic turf fibre system which consists of more than one million monofilaments (fibres) per square metre. Together with a special shock-absorbent substratum, it delivers a perfect performance. It is also fitted with a fully automatic sprinkler installation. These properties make the Triple-T System *the* synthetic grass hockey pitch which can raise hockey to an even higher level!



low friction coefficient + less consumption + hard-wearing





g + UV-stable + colourfast + optimal ball control + high ball speed +

## Edel Grass Triple-T System Taeke Taekema Turf System; it's in the name

It's a known fact that price is the biggest disadvantage of synthetic fibre pitches. The Triple-T System also differs from other synthetic pitches in terms of price, proving that top quality pitches are within the reach of every club. Which is why the Dutch international hockey icon Taeke Taekema is happy to link his name to our product. The game of hockey will benefit across the board if both top-flight clubs and the recreational sport can play under the same high quality conditions. Through the Triple-T System, Taeke Taekema is pleased to be doing his bit to raise the game.

The Edel Grass Triple-T System is FIH-certificated and therefore meets the highest international quality standards. As a hockey substrate for the Africa Hockey Cup of Nations 2009 in Ghana and as the main pitch for the European and Dutch champion field hockey club H.C. Bloemendaal, this pitch has already proved itself at top level. The performance of the Triple-T System matches the requirements of the game's very best players and will continue to provide a pitch for many major international hockey championships in the future.



*Edel Grass is a  
partner of the Asian  
Hockey Federation.*

+ even drying of pitch + low coefficient + less water







### Low/No H<sub>2</sub>O® water consumption

Triple-T System : sprinkler system waters  
**8 m<sup>3</sup>** per match

FIH Global Norm : sprinkler system waters  
**12 m<sup>3</sup>** per match

Low/No H<sub>2</sub>O is a registered trademark of Edel Grass.

tion coefficient + less water consumption + hard-wearing + UV-stable

## Edel Grass Triple-T System

### The benefits at a glance

More than one million monofilaments per square metre, a shock-absorbent substratum and a fully automatic sprinkler installation are the unique properties of the Triple-T System. But how does the Triple-T System set itself apart from traditional synthetic water-based pitches?

#### The Triple-T System stands for:

Optimal ball control due to a stable and dense fibre structure (1,092,000 filaments/m<sup>2</sup>) • High ball speed • Low friction coefficient (good grip/torsion in both wet and dry conditions) • Even drying of the pitch • Less water consumption (Low/No H<sub>2</sub>O® playable; 8 m<sup>3</sup> per match) • Tufted-in line markings • Hard-wearing • Colourfast • UV-stable



e + colourfast + optimal ball control + high ball speed + even







control + high ball speed + even drying of pitch + low friction co



## Edel Grass Triple-T System

### A product of intensive research & development

Edel Grass has over 20 years' experience in the market for artificial grass pitches. We are constantly working to further improve our products and to provide the market with innovative synthetic grass pitches. In doing so, we have only one goal in view: to deliver innovative artificial grass pitches which will lift the sport to an even higher level! The Triple-T System is an excellent example of what we are constantly striving to achieve. With our partners Oranjewoud Sport and TenCate Grass, we have developed a pitch that perfectly matches the requirements of players, trainers and clubs at all levels in the hockey-playing world.



efficient + less water consumption + hard-wearing + UV-stable





Fibre type	: 9750/10 Dtex Monofilament (micro-curved KdK)
Pile weight	: approx. 1,860 gr/m <sup>2</sup>
Pile height	: 14 mm
Total weight	: approx. 3,902 gr/m <sup>2</sup>
Gauge	: 3/16"
Stitches per m <sup>2</sup>	: 54,600/m <sup>2</sup>
Filaments per m <sup>2</sup>	: 1,092,000/m <sup>2</sup>
Backing	: Glass fibre reinforced polyester
Substrate	: E-layer/Shock pad on bound or unbound base layer
Colour	: Summer green
Line markings	: White
Runback	: Blood red (optional)

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## Edel Grass Triple-T System

### Technical specifications

The Triple-T System is characterised by its innovative construction method. Whereas traditional construction methods are weather-dependent and affected by geographical location, our revolutionary shock pad construction method is unique in that it can be laid quickly and to a high quality specification anywhere in the world and under all weather conditions. The shock pad is a closed cellfoam which is both temperature and dimension-stable. The grooves in the foam make possible the horizontal transport of water beneath the synthetic pitch.

The system can of course also be laid to an e-layer construction, which has been a proven and effective construction method in the hockey world for many years. The system's unique performance is achieved through a combination of a high quality construction method and the aforementioned product specifications.



efficient + less water consumption + hard-wearing + UV-stable







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