

# POLIGRAS®

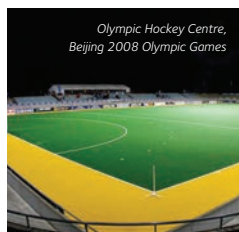


## PLATINUM COOLplus®

**Poligras® Platinum COOLplus®** is the world-wide market leading FIH Approved surfacing system developed to meet the highest expectations for professional hockey play.

Design of this system involves innovative technology to enhance the uniformity of play for premium performance. The proprietary monofilament fibre texturisation process and finely tuned specification provides a playing surface to benefit elite quality hockey.

The surface matrix and Qualipur proprietary spray adhesion promotes capillary action for reduced irrigation. Softness of the playing surface combined with maximum wear resistance ensures this surface is truly the leading system on the market!



**Areas of Use**  
Professional hockey pitches  
Elite international tournaments

Global **FIH**

- Water-permeable surface
- 'Entanglement Technology'
- COOLplus® function
- Full adhesion
- Resource conservation
- Professional
- Force reduction
- Water based technology
- Heavy metal free
- Recycled rubber used



Poligras® is a registered trademark of APT Corporation

### KEY BENEFITS

- Synthetic turf with monofilament texturised fibres
- Player friendly, unsurpassed energy return and player comfort
- Reduced irrigation
- Extreme UV stability and durability
- Minimal maintenance
- Seam adhesion longevity
- Elite ball/surface interaction
- Aesthetically pleasing colour palette
- Environmentally friendly - recycled products utilised during construction
- Soft and resilient yarn, the micro fibre offers physical protection for the athlete at the same time delivering unsurpassed durability
- Offers true non-directional play with ball characteristics allowing for fast, accurate play



Usage	Heavy	Moderate	Light
Hours per week	50	30	10
Recommended resurfacing time (yrs)	7-9	9-10	10+

### SPECIFICATION

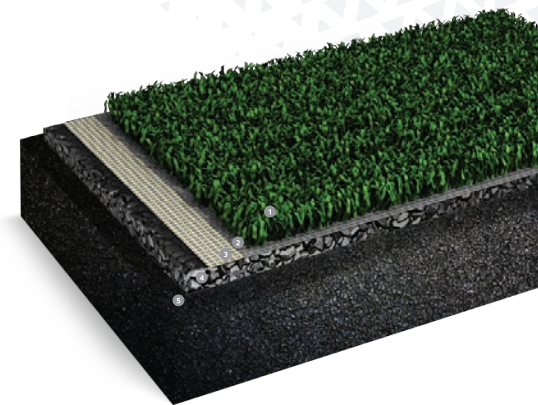
**Poligras® Platinum COOLplus®** meets all the requirements of FIH Approval for unfilled hockey surfacing system and has multiple Global standard references.

Our recommended system for Olympic Games, World Cups, World Championships, Champions Trophy and Commonwealth Games level. It exhibits outstanding UV stability and playability from the exclusive texturised monofilament – allowing for fast-moving styles of play with precise ball characteristics.

Designed to provide an elite surface with reduced irrigation requirements.

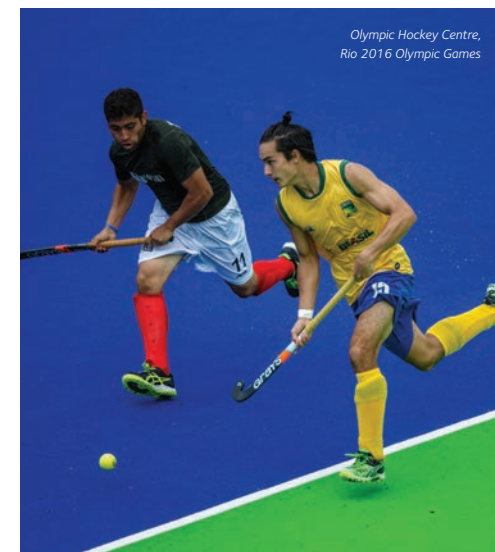
The exclusive '**Entanglement Technology**' is a proprietary feature of the Polytex fibres. '**Entanglement Technology**' interlaces the molecular chains in the turf fibre into a three dimensional matrix. The result is an exceptionally soft surface and greater protection against splicing with optimum playing properties and a considerably longer lifespan.

Unique **COOLplus®** function directly reflects the IR radiation which is invisible to the human eye due to the formulation that embeds pigments in the turf filaments. It effectively retards the heating process of the turf.



### SYSTEM STRUCTURE LAYERS

- 1 Exclusive engineered polyethylene monofilament sports yarn, for elite play characteristics.
- 2 Qualiback 'Hybrid Emulsion' secondary backing, for greater seam strength and surface longevity.
- 3 Qualipur full spray adhesion – for controlled drainage, dimensional stability and increased system longevity.
- 4 Elastic layer shockpad – engineered for elite performance and successfully reused on multiple resurfacing projects.
- 5 Asphalt layer – for project longevity and precision, controlled by trained in-house professionals to meet stringent FIH construction tolerances.



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