



# POLIGRAS<sup>®</sup>

*Jamie Dwyer*  
Australian Olympic gold medallist  
and 5x FIH Male Player of the Year.

## CHOSEN HOCKEY SURFACE FOR 9 OLYMPICS



**APT** ADVANCED  
POLYMER  
TECHNOLOGY

POLIGRAS®

# FROM MONTREAL TO TOKYO

**Poligras® is hockey's trusted  
partner since 1976**

With over 45 years of experience, Poligras artificial sports turf has become the top choice for major global hockey events including nine Olympic Games. Our commitment to innovation and investment in turf development, has transformed hockey into the fast, fluid, and non-stop game that we all love today. Proudly serving as hockey's best partner for over four decades, Poligras continues to lead the way in delivering exceptional sports turf that elevates the game and inspires players to perform at their best.



## TRUSTED & CHOSEN

- 9 Olympic Games including Paris 2024 and Los Angeles 2028
- 12 World Cups including 2022, 2023 and 2026
- 6 Asian Games including 2022
- 4 Commonwealth Games
- 10 European Hockey Championships including 2023

**Poligras® is chosen for major hockey stadiums and elite training venues around the world**

- Oi Hockey Stadium, Tokyo
- Sydney Olympic Park, Sydney
- Bisham Abbey National Sports Centre, England
- Warsteiner Hockey Park, Mönchengladbach
- Major Dhyan Chand National Stadium, Delhi
- Rio Olympic Stadium, Rio de Janeiro
- National Olympic Center, Beijing
- Harvard University, USA
- CENARD, Buenos Aires
- Wagener Stadium, Amsterdam (1986, 2022 World Cup)



Gongshu Canal Sports Park Stadium, China  
2022 Asian Games



Riverbank Arena, London  
2012 London Olympics

Major partnerships with:



# PARIS GT® ZERO – The world’s only carbon neutral hockey turf

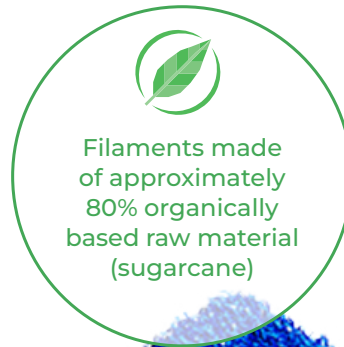
**Introducing Poligras Paris GT Zero / Paris GT, the revolutionary hockey turf that is redefining the Olympic standard for players and the environment.**

Specifically developed for the 2024 Paris Olympics, this groundbreaking turf is the result of over six years of extensive research and development.

Made from 80% bio-based material derived from sugarcane, Paris GT Zero / Paris GT is ideal for all playing conditions. Its exclusive Turf Glide technology ensures swift and seamless gameplay while minimising water requirements.

Furthermore, this innovation enables the product to meet the FIH Innovation category requirements when dry, offering substantial benefits to clubs and venues in terms of water conservation.

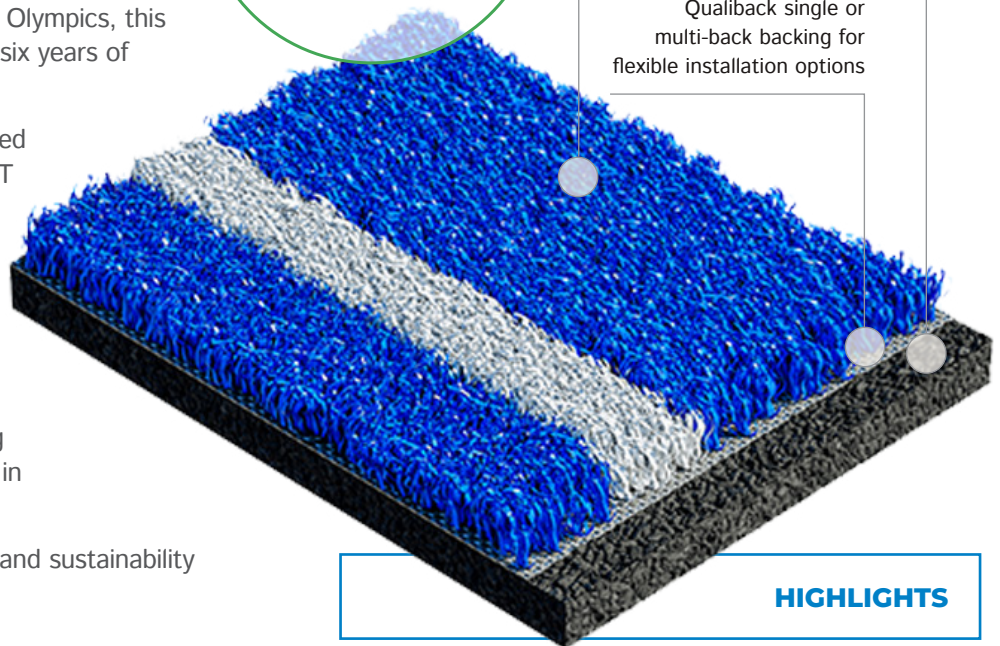
Get ready for a new era of performance and sustainability with Poligras Paris GT Zero / Paris GT.



Exclusive bio-based polyethylene monofilament sports yarn for elite play characteristics

Re-usable elastic layer pad for added absorption

Qualiback single or multi-back backing for flexible installation options



## HIGHLIGHTS

- Turf Glide technology for less surface friction, reduced water consumption and optimised playing dynamics
- Qualiback single (Paris GT) or multi-back (Paris GT Zero) backing which enables the surface to be either glued in place or loosely-laid.\*
- Saves up to 73 tonnes of CO2 compared with a conventional turf by using sugarcane as a bio-raw material for the turf’s fibres
- FIH Global Innovation category certified for wet and dry use



“We are delighted that Paris 2024 will be a ‘hockey zero’ event. This innovation by our trusted partner Polytan, in addition to the continued reduction in the use of water for pitches, confirms hockey’s determination to fully support and contribute to the Paris 2024 sustainability targets.” **THIERRY WEIL, FIH CEO**

*\*Paris GT Zero multi-back system can only be manufactured in Germany, but can be supplied upon request*



# HOCKEY

THE WORLD'S ONLY CARBON-ZERO HOCKEY TURF

# ZERO

Chosen for Paris 2024, the Poligras Paris GT zero hockey turf features:

- Made with 80% sugarcane
- Manufactured with green energy
- Requires less water for play

**POLIGRAS,  
CHOSEN FOR**

- 2023 Men's World Cup India
- 2024 Olympic Games
- 2026 World Cups

[WWW.POLIGRAS.COM](http://WWW.POLIGRAS.COM)

# PLATINUM GT® – Our elite performer

**Poligras Platinum GT is a water-based system that delivers World Cup quality for hockey clubs.**

Made from 20% renewable materials, Poligras Platinum GT features exclusive texturised monofilament fibres for unmatched playability and fast, accurate ball handling.

The unique surface matrix and Qualipur proprietary spray adhesion make for high wear resistance and promote capillary action for reduced water consumption. Innovative technology ensures exceptional uniformity of play and UV stability, delivering a premium performance every time.

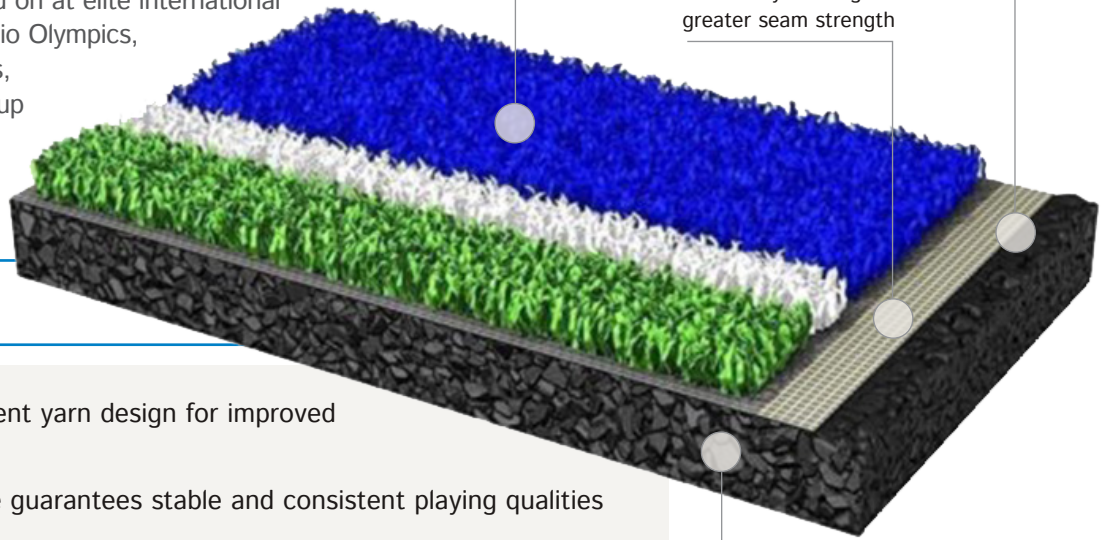
This system has been played on at elite international events, including the 2016 Rio Olympics, 2018 Commonwealth Games, FIH 2022 Women's World Cup and 2023 Men's World Cup.

Exclusive bio-based polyethylene monofilament sports yarn for elite play characteristics

Qualipur spray adhesion for controlled drainage, dimensional stability and increased system longevity

Qualiback 'Hybrid Emulsion' secondary backing for greater seam strength

Re-usable elastic layer shock pad for added absorption



## HIGHLIGHTS

- Exclusive monofilament yarn design for improved player movement
- High wear resistance guarantees stable and consistent playing qualities
- Optimised system design for outstanding water efficiency and performance
- Low abrasion
- A World Cup system suitable for local hockey clubs



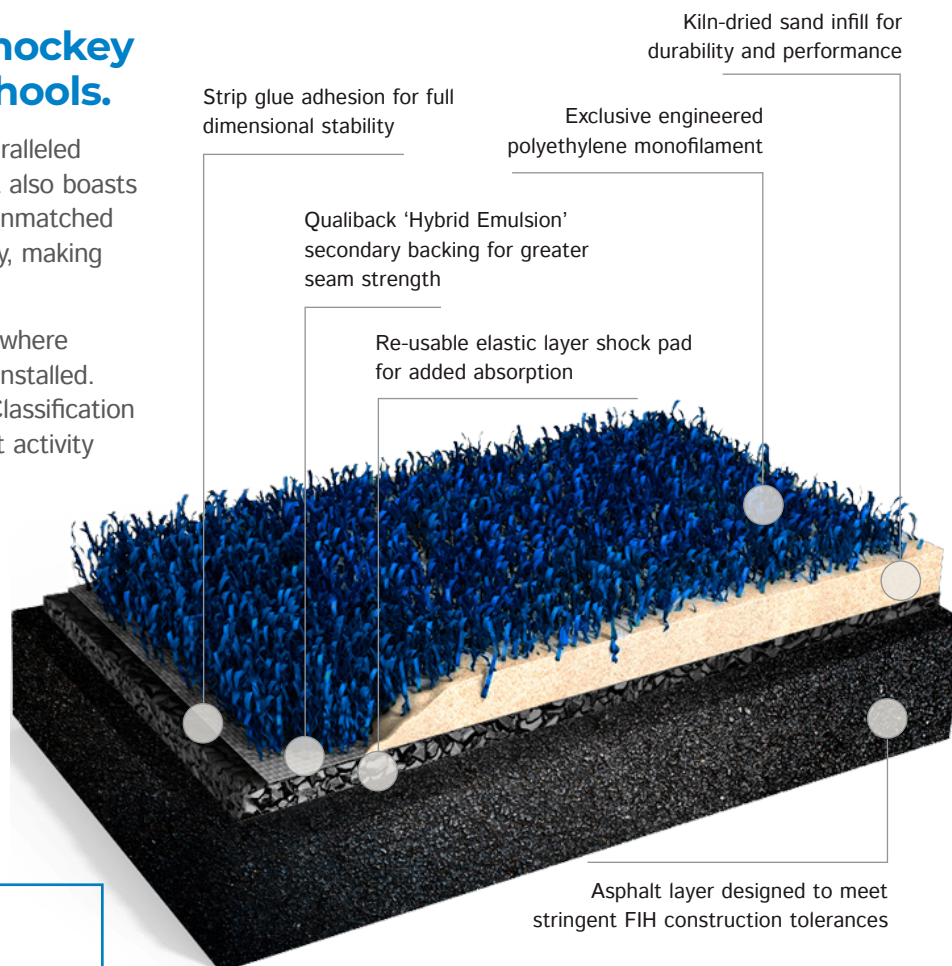
Birsa Munda International  
Hockey Stadium, India.  
2023 Men's FIH Hockey  
World Cup

# H2OZ GT® – The premium sand-dressed system

## Poligras H2OZ GT is the ultimate sand-dressed hockey system for clubs and schools.

This premium system not only offers unparalleled softness and high-performance quality but also boasts exceptional ball roll characteristics. With unmatched durability, this system guarantees longevity, making it a reliable choice for all levels of play.

Poligras H2OZ GT is perfect for locations where irrigation is unavailable, restricted, or not installed. It also carries the FIH Gen 2 Multi-Sport Classification and meets the requirements for multisport activity including netball which makes it a great choice for schools and leisure facilities.



### HIGHLIGHTS

- Exclusive monofilament yarn design for improved player movement
- High wear resistance guarantees stable and consistent playing qualities
- Multisport capability
- Ideal surface where irrigation is not possible or restricted
- Low abrasion



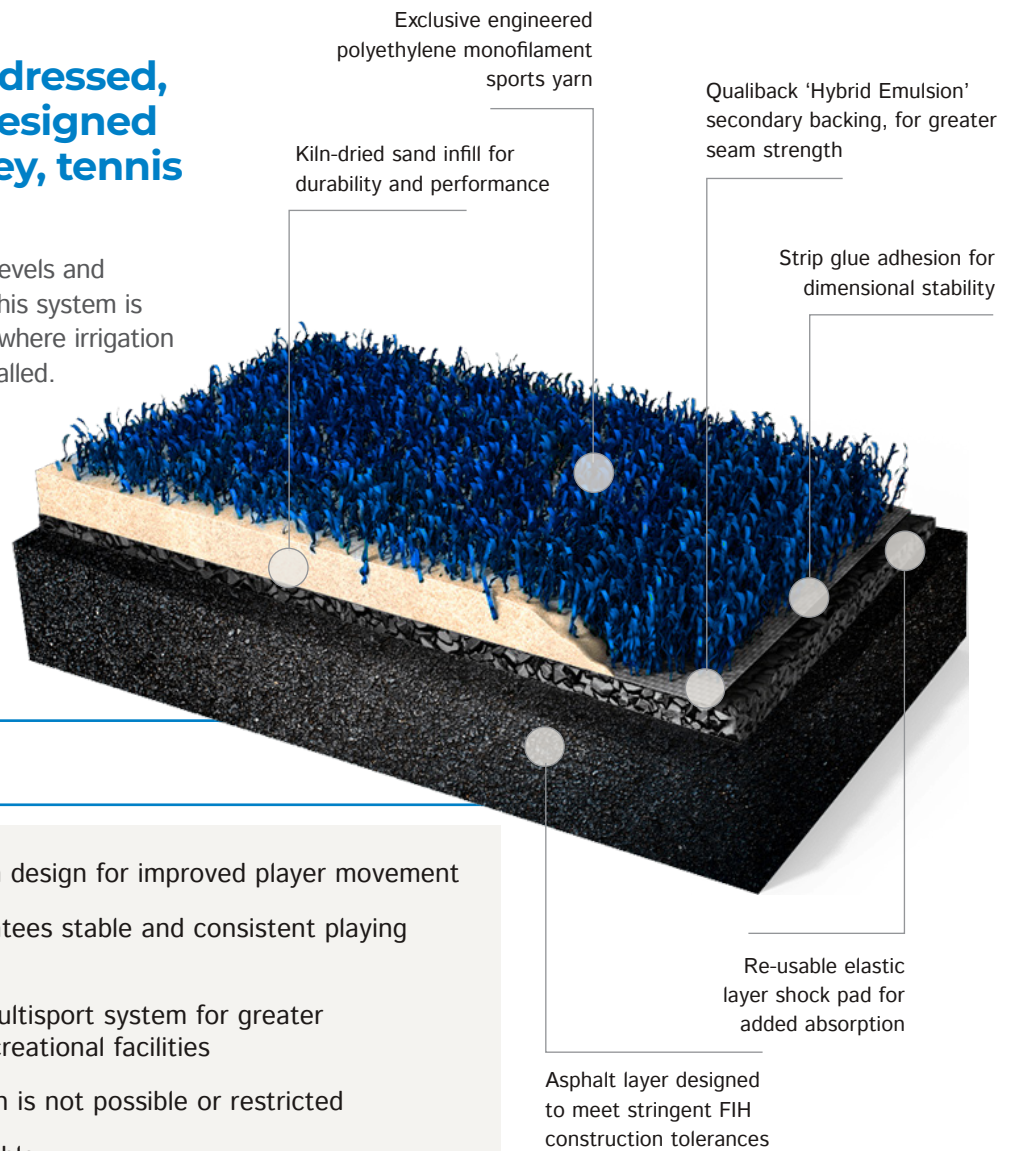
KP Hardiman Reserve,  
Bundoora, Victoria

# ECO HT – The all-round sand-dressed multisport system

**Poligras ECO HT is a cost-effective, sand-dressed, multisport system designed specifically for hockey, tennis and netball.**

It offers versatility for players of all levels and comes in a wide range of colours. This system is particularly well-suited for locations where irrigation is unavailable, restricted, or not installed.

Poligras H2OZ GT is FIH Gen 2 Multi-Sport certified, making it an ideal choice for schools and recreational facilities with limited space who want to cater for hockey, tennis and netball.



## HIGHLIGHTS

















- Exclusive monofilament yarn design for improved player movement
- High wear resistance guarantees stable and consistent playing qualities
- Specifically designed as a multisport system for greater functionality in schools / recreational facilities
- Ideal surface where irrigation is not possible or restricted
- Wide range of colours available





# PRODUCT FEATURES COMPARISON CHART

## POLIGRAS®

	PARIS GT ZERO / PARIS GT	PLATINUM GT	H2OZ GT	ECO HT
 Category 1 (Elite)	●	●		
 Category 2	●	●	●	
 Category 3	●	●	●	●
 Gen 2 Multisport			●	●
 Water-permeable surface	●	●	●	●
 Entanglement technology	●	●	●	●
 COOLplus technology	●	●	●	●
 Unfilled surface	●	●		
 Sand-dressed surface			●	●
 Dry Pitch (optional)	●			
 Green Technology	●	●	●	
 Elite Performance	●	●		
 Force reduction	●	●	●	●
 Heavy metal free	●	●	●	●
 Shockpad	●	●	●	●
 Hockey 5's suitable	●	●	◐	◐

# THE POLIGRAS DIFFERENCE

## Certified and preferred

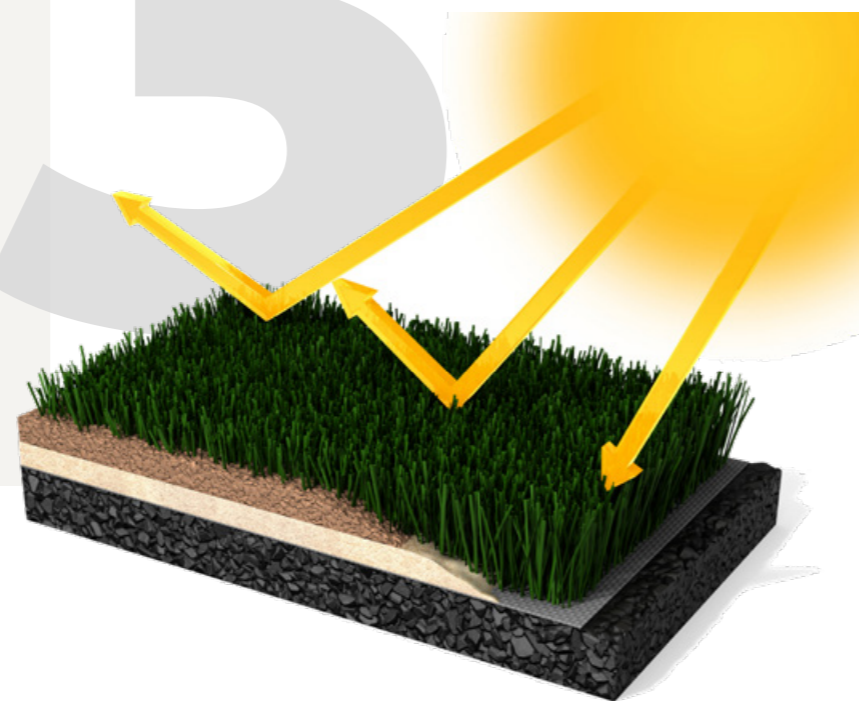
All of our synthetic surfaces meet both national and international standards, including all necessary environmental requirements. The exceptional quality of our surfaces is guaranteed through rigorous final inspections and testing, in accordance with our ISO 9001 certification. As the Preferred Global Supplier for the FIH (International Hockey Federation), our hockey fields can be tested and certified to meet FIH requirements.



## COOLplus technology

Backed by scientific evidence, our exclusive COOLplus technology has been proven to effectively reduce rising temperatures by reflecting sunlight. This innovative technology minimises heat build-up and emissivity, which commonly occurs when thermal energy from the sun's rays strikes the surface of an object.

All Poligras turfs incorporate COOLplus technology, which includes infrared reflective pigments. These pigments play a crucial role in dissipating heat build-up, resulting in our turfs staying up to 20% cooler compared to similar artificial turf products.



## GREEN technology

Our exclusive Green technology combines advanced expertise from the plastics industry with the climate-protecting benefits of renewable raw materials, alternative technologies, and recycling. The majority of Poligras turfs incorporate Green technology, by utilising elements such as:

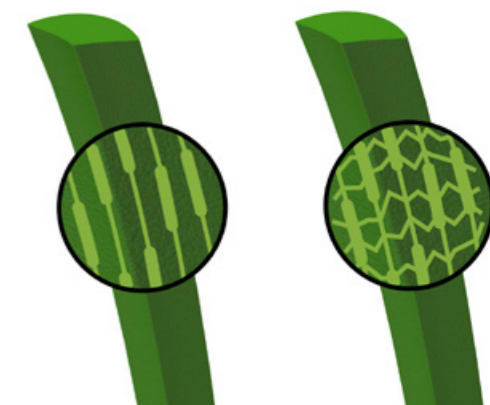
- Renewable or biobased materials
- Green energy for production
- Turf Glide technology for reduced turf irrigation
- End of life recycling

These innovative features underline our commitment to sustainability, ensuring high-performance turfs while minimising environmental impact.



## Entanglement technology

Poligras's exclusive Entanglement technology is a game-changing proprietary feature that intricately interlaces the molecular chains in the turf fibre, forming a robust three-dimensional matrix. This revolutionary advancement not only ensures an exceptionally soft surface, but also provides superior protection against splicing. With its optimal playing properties and extended lifespan, Poligras continues to set the benchmark for excellence in hockey.



Without Entanglement technology

With Entanglement technology



# POLIGRAS<sup>®</sup>

by **APT** **ADVANCED  
POLYMER  
TECHNOLOGY**

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