



FIH

INTERNATIONAL HOCKEY FEDERATION



Gen 2

multi-sports areas
maximising sporting opportunities

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Hockey is the world's third most popular team sport. Fast, technically skilful, and requiring good levels of personal fitness, the sport is renowned for its social inclusiveness, gender equality, and ability to attract and engage with players for many years.

With an innovative approach to improving the game, hockey recognises the benefits synthetic turf surfaces offer, and embraces their use at all levels of the game.

Creating opportunities for people to discover and play hockey is often difficult. For some, the challenge is providing suitable areas to play, for others, ensuring facilities are sustainable is key to their long-term success.

Many sports face these challenges, and this is making the concept of multi-sports fields increasingly attractive; sharing facilities and maximising opportunities is often the best way to secure investment.

Unfortunately, there is not a single type of synthetic turf that meets the needs of every sport. Small or large ball, contact or non-contact sport, high grip or low foot grip; all these factors affect how players rate a surface. Finding the right compromises is key to success.

The GEN 2 concept shows how surfaces designed for hockey, can also be used by other sports.



Community and school hockey is best played on 2G synthetic turf. Unlike longer pile turfs, the short dense pile of a 2G surface allows a hockey ball to travel quickly and predictably across the surface; just what the players want.

By laying the correct shockpad under the 2G synthetic turf, you can also provide a great playing surface for community level:

- Futsal
- Soccer
- Tennis
- Netball
- Lacrosse
- Softball
- Athletics training / jogging tracks



Outdoors, there are two versions of hockey

Hockey – played by two teams, each with 11 players on a full-size field

Hockey5s – played by two teams, each with 5 players on a court. These are either set-up temporarily on a full size field, or are standalone facilities.

Both types of hockey facility can be used by other sports. The FIH GEN 2 concept shows you how.



2G synthetic turf surfaces

- Short dense pile turf laid over a shock absorbing pad
- FIH Approved
- Suitable for use dry or wet – no need to water
- Environmentally friendly
- Easy and cheap to maintain
- Extremely durable
- Over 20 year's proven real world experience

Hockey, soccer and futsal

The fast pace of 2G synthetic turfs means they are great for hockey and futsal, and suitable for community soccer and football training.

Dual use hockey/soccer fields are common in many countries, especially in schools and colleges.

Smaller, more affordable, courts are perfect for Hockey5s and futsal. One full size field or eight sports-courts, you decide which makes most sense!



Hockey and tennis

By laying a stiff shockpad beneath a 2G synthetic turf, a hockey facility can also be a community tennis centre.

Up to 12 tennis courts can be marked onto a full size hockey field. All you need are portable tennis posts and nets, and, ideally, division nets to separate the rows of courts.

A three court tennis block is also large enough for one Hockey5s court.



GEN 2 CONCEPT	Endorsed by
	


Hockey and netball

2G synthetic turfs provide an acceptable playing surface for community and club level netball.

Up to 9 netball courts can be incorporated onto a full size hockey field. All you need are portable netball goal posts.

A block of three netball courts is also large enough for one Hockey5s court (and three tennis courts).



GEN 2 CONCEPT	Endorsed by
	

Hockey and lacrosse

Hockey and lacrosse have much in common; both are fast moving, action packed sports played, with a small ball and stick.

Not surprisingly, both sports have similar needs; players want safe, fast surfaces that allow swift and secure movement and play.

2G synthetic turfs allow both sports to be played successfully on the same field.



Hockey and softball

Base-running sports like softball are increasingly converting to synthetic turf fields due to the benefits they offer in regions that experience inclement weather, or where high levels of use or inadequate maintenance resources, make natural surfaces unsustainable.

Utilising innovative layout designs, softball can be incorporated into multi-sports fields, maximising opportunities, justifying investment.



Hockey and athletics

2G synthetic turf surfaces provide levels of athletic performance that fall within the ranges specified by World Athletics for polymeric tracks.

Whilst not suggesting 2G synthetic turf are suitable for high level athletics, the surfaces do allow school competitions and community jogging activities to take place.



FIH Quality Programme

With over 30 years experience, the FIH Quality Programme provides consistent and dependable industry standards that ensures the appropriate facility for the intended level of play.

It protects those investing in facilities by ensuring that only high quality synthetic turf products are installed, and that the field or court has been designed and built to the necessary standards.

- Industry leading design and construction standards
- Over 300 FIH Approved Hockey Turf Products
- FIH Preferred Suppliers, Certified Manufacturers & Certified Field Builders



[fih.ch/hockeyturf](https://www.fih.ch/hockeyturf)