



TigerTurf™ Range

An informed selection



FOOTBALL/FUTSAL



RUGBY/LEAGUE/AFL
AMERICAN FOOTBALL



CRICKET



TENNIS



LAWN BOWLS



GOLF



FIELD HOCKEY



MULTISPORT



PLAYGROUND



COMMERCIAL



RESIDENTIAL

PASSION PERFORMANCE ADVANTAGE

TigerTurf™ Sport

TigerTurf's sporting systems are specifically engineered to replicate as closely as possible the natural features that define the sports surface. TigerTurf's people are committed to delivering top quality, safe; performance based synthetic turf systems you, your communities and TigerTurf are proud of.

Fun Play Learn

TigerTurf™ Life

Learning in Fun Environments (LIFE) is an opportunity all children should have. And with TigerTurf's vibrant and versatile playground and junior school surfaces you can make every pathway, play space and P.E. area into an opportunity to learn; the creative options are endless and can be customised to your facility's vision.

Transform Enhance Style

TigerTurf™ Landscape

A beautiful lawn is attractive to the eye, a pleasant place that invites you to relax and enjoy the environment. TigerTurf's latest synthetic turf products have been developed specifically to harmonise with nature and replicate the characteristics of a quality natural lawn, looking superb for many years.

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WHY TIGERTURF

OUR PHILOSOPHY

- TigerTurf's unprecedented passion for all sports drives our development for world leading R&D and quality manufacturing processes.
- We provide the best surfacing technology and systems for every customer at every level.
- We are accountable and committed to delivering top quality, performance based synthetic turf and sports flooring systems.

OUR PEDIGREE

- TigerTurf products cover the globe. Started in New Zealand in 1981 TigerTurf is now one of the world's top suppliers of synthetic sports surfaces.
- TigerTurf expanded into Australia in 1990, the UK in 2000 and the USA in 2007.
- Acquired by Royal TenCate Ltd in 2009; a multi-national corporation and one of the largest suppliers of synthetic grass globally.
- Innovators in the synthetic turf industry with state of the art R&D facilities equipped with latest testing equipment.
- Quality control over every aspect of the project from yarn to manufacture to installation to maintenance.
- TigerTurf offers either, directly or through sub-contractors, a complete turn-key operation including design, construction, installation, maintenance and project management capabilities with systems developed, and proven, over 30 years.

OUR DOMAIN

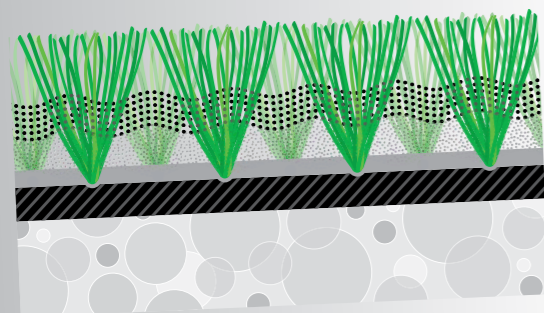
- TigerTurf is local. We are in your communities, watching today's and tomorrow's top athletes learn, compete, win and lose. We are part of who you are and what you value.
- TigerTurf is global. We have offices in Australia, New Zealand, United Kingdom and USA, with Agents world-wide. We bring a world of experience and knowledge to your project ensuring a facility you and TigerTurf are proud of.
- TigerTurf are enhancing communities by creating beautiful spaces with natural looking synthetic turfs – inspired by nature.
- TigerTurf are creating inspiring school environments by making every surface an opportunity to learn, develop skills and allowing children to have fun.

THE ROOTS OF SYNTHETIC TURF

Terminology used within the synthetic turf market is often confusing and products can be difficult to differentiate.

In this document TigerTurf aims to break down the barriers by highlighting the key points to consider when selecting a synthetic turf surface – allowing you to feel safe in the knowledge that you can use this information to help select the most suitable surface for all your requirements.

SYSTEM OVERVIEW



-  YARN FIBRE
-  RUBBER IN-FILL
-  SAND IN-FILL
-  BACKING CARPET
-  SHOCKPAD
-  STONE/BASE CONSTRUCTION

SYSTEMS

There are four main types of synthetic turf systems on the market:

Fully synthetic: An all-fibre construction with no added in-fill. Water is normally required when used for hockey.

Sand dressed: A dense, heavy surface requiring some sand in-fill to support the fibres and add stability. It has more exposed fibre for a greener appearance.

Sand filled: A lighter weight surface filled with high levels of sand for stability and performance.

Third generation: A system containing a stabilising sand layer topped with a rubber in-fill for extra performance. Utilises longer fibres to encapsulate the in-fill materials. The in-fill height is typically 65-70% of pile height.

IN-FILLS

In-fills are divided into two categories:

Stabilising In-fills: Predominantly sand, at varying grades, to weigh down the carpet and give structural integrity.

Performance In-fills: Usually granulated rubber made from recycled sources, graded to prevent compaction, increase resilience and enhance playing characteristics.

TYPES OF YARN

Traditionally there have been three different types of yarn used in synthetic turf:

Polyethylene (PE): Soft, durable and non-abrasive.

Polypropylene (PP): More rigid, brittle and more abrasive than PE.

Nylon (PA): Hardwearing and more abrasive than PP.

The yarn manufacturing process enables different constructions of yarn to be extruded:

Monofilament: Individually created filaments twisted or wrapped together. Monofilaments offer increased durability, resilience and ability to cope with high usage. The manufacturing process enables the yarn to be formed in different profiles and thicknesses.

Fibrillated: Manufactured as a tape that is perforated lengthways to create a strong lattice structure which splits down with use to produce a multi-fibre appearance.

Texturised: Straight yarn that has been heat-set to produce a tight, curly appearance which gives a non-directional surface.

PILE WEIGHT

The pile weight refers to the volume of yarn within a square metre of product, using the number of stitches, Decitex/pile weight (weight of yarn) and the gauge of manufacture. Historically, the pile weight of a product has dictated the quality and price, with the heavier products demanding a higher price in return for improved performance.

PILE HEIGHT

The pile height of a product refers to the length of the yarn fibres. The height of the product gives an indication of its application.

Football products have a pile height of between 40-65mm and shockpads are sometimes required for surfaces with a pile height below 60mm.

Rugby surfaces have a minimum pile height of 60mm and are installed with a shockpad.

Hockey and tennis surfaces tend to be between 10-20mm, offering different performance characteristics than the longer pile products. Generally shockpads are used in hockey surfaces, but not with tennis.

GOOD GRASS GUIDE

In a market with so much choice, how do you know which products deliver? TigerTurf has produced this guide to help differentiate the best from the rest.



Polyethylene (PE) vs. Polypropylene (PP)

Polyethylene yarns were introduced in the mid 90s as a viable replacement for traditional polypropylene fibre types. Polyethylene has a different polymer structure and as such has a softer, smoother texture, and elasticity which creates a less abrasive product. Another distinct advantage of polyethylene is that it has a waxy, almost damp feel which is skin friendly. Polypropylene, on the other hand can be very dry and brittle, and more rigid which is more abrasive for the player.

Monofilament vs. Fibrillated

Fibrillated fibres are manufactured using older technology and have to be artificially worn to create the correct aesthetics necessary for a synthetic turf surface. However, the lattice structure does encapsulate the in-fill, which significantly reduces the amount of in-fill movement and migration. The drawback of this encapsulation is that the in-fill tends to compact, requiring additional maintenance. Fibrillated surfaces also have a tendency to flatten more easily.

Monofilaments are more durable than fibrillated fibres and due to the manufacturing process they can be extruded in various shapes and thickness. Monofilaments therefore give greater performance and increased durability, as the fibres are worn on the tip rather than the side.

YARN SELECTION

The yarn selection process is vital to ensuring products do not prematurely wear, break down or underperform. TigerTurf's R&D department conduct stringent testing on all yarns to guarantee ultimate durability and performance for all applications. We undertake rigorous testing to ensure we select the best yarns.



- Perfect condition
- Pre worn fibres
- High performance
- Poor condition
- Post wear fibres
- Reduced performance

Texturised vs. Straight

Yarn structure plays an important role in the performance characteristics of a product. Texturised yarn is used in hockey and tennis products because it produces a non-directional surface that is ideal for precise and non-deviating ball roll and bounce.

Straight fibres are used primarily in football and rugby applications and tend to be longer and softer than the texturised fibre. Straight fibres replicate the natural grass on which the sports are usually played. This provides resistance to the ball during play, which is one of the main criteria for football surfaces.

Profiled vs. Flat Monofilament

In recent years there has been a tendency towards more profiled or shaped monofilament yarns. These yarns have a spine or thicker centre to give 'vertical memory,' encouraging the yarn to return to its original state after ball or player impact. The flat or smooth monofilaments require additional maintenance to guarantee that they return to their original position.

TigerTurf's R&D Department look at the individual sports and best playing surfaces – and match these criteria to the yarn characteristics to provide a realistic playing surface.

SHOCKPADS

Advanced shockpads and quality in-fills play a significant role in ensuring maximum safety, playability and longevity for artificial turf systems.

Preformed Rollout: A shockpad manufactured in factory to exact specifications (usually a thickness of 10mm). All TigerTurf surfaces installed using the Preformed Rollout pad system have had seams joined. As well as a proven playing performance, this type of pad has the major feature of being able to be re-used for a 2nd and sometimes 3rd turf surface. This can result in significant saving when replacement of the surface is due.

The advantages are:

- Consistent thickness resulting in even bounce.
- Can be installed over crushed rock base.
- Manufactured in controlled conditions resulting in a pad that is far stronger with an even mix of crumb and polyurethane binder.
- Can be installed in variable weather conditions and temperatures without effecting the pad's overall integrity.

In-situ System: A shockpad manufactured at site of surface installation. The In-situ System is beneficial if installing over an uneven sub-base, as it can even out undulations. TigerTurf recommend accurate survey of asphalt layer including a 'Ponding Test' prior to the application of the pad. Tolerances should be +/- 3mm over 3 metres.

TigerTurf surface systems using In-situ pads are quality controlled to ensure the granular size is consistent, the binder content are to specification and that correct levels are achieved on site.

SUB-BASE

The performance of a synthetic turf system is not only dependent on the top turf layer. A good, stable and suitable base is extremely important for the overall quality and lifespan of the system. Each site needs to be assessed prior to deciding on a specific type of base. The advantage of a well-planned sub-base is that it does not have to be rebuilt each time the turf layer is replaced.

The two most common bases are vertically draining and shaped, horizontal draining bases i.e., Turtle Back.

Non-porous bases are generally lower in cost, although don't offer the truer playing characteristics of a flat vertically draining field.

TESTING AND ACCREDITATIONS

Different testing standards apply to each application.

Football surfaces can achieve three accreditation awards:

- FIFA 1 Star: Designed for community use and has to pass a series of stringent tests focussing particularly on durability and longevity.
- FIFA 2 Star: The highest professional standard, awarded to the best performing surfaces and stadia.

Rugby surfaces have to adhere to IRB/RFU standards for full contact games and training activity. Testing measures include Head Impact Criteria (HIC), which has to be over 1.3m, ensuring player safety for full contact rugby in set pieces and open play.

Hockey has one awarding body with accreditations split into two levels:

- FIH National: The highest standard for surfaces with in-fill.
- FIH Global: The highest standard for surfaces without in-fill.

Tennis testing relates to the ball bounce and speed of the play, to meet the needs of the player or club:

- ITF1 (slow)
- ITF2 (medium - slow)
- ITF3 (medium)
- ITF4 (medium - fast)
- ITF5 (fast).

Multi-use products require a mixture of performance testing depending on the desired standard and relevant applications.

Bowls World Bowls accreditation refers to a surface meeting Performance Standard for Artificial Flat Green Bowls Surfaces and covers Green speed, draw, infiltration rates, levels and regularity.

PRODUCT RANGE

TigerTurf surfaces always aim to give greater value for money and greater return on investment.

Many of TigerTurf's products incorporate the industry's latest developments. Utilising exclusive yarns and unique processes, these products offer added performance and extended guarantees. We believe our quality range offers the customer best value. Research has shown that cheaper, poorer quality surfaces need to be lifted and replaced more quickly than well designed, high quality products.

TigerTurf's portfolio includes essential products, proven over many years, that utilise older technology and which have become industry standard.

All TigerTurf products undergo the same rigorous quality and approval processes from our essential products through to our latest products and the range has surface solutions to suit a variety of requirements and budgets.

Our entire range is created and designed in-house by our industry leading Research and Development team.

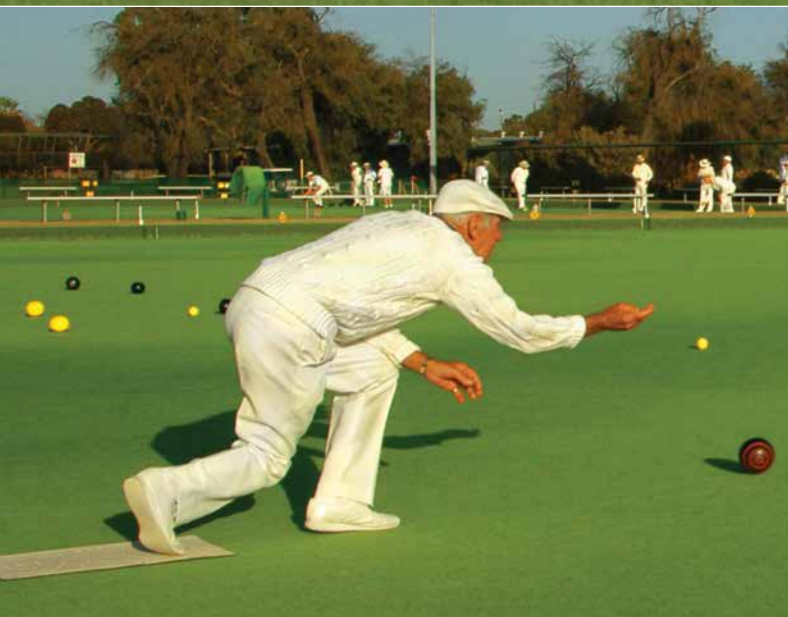


TigerTurf™ Bowls



Products available in:
Asia Pacific, Australia and New Zealand

Product	Description	Application	Pile Height (mm)	Certification/ Accreditation
Greenweave (NZ) Bowlsweave (Aust)	A woven polypropylene bowls carpet. A premium system designed for clubs and private use.	Bowls	n/a	World Bowls
Rinkmaster	A needle punch carpet with a felt-like structure offering a medium paced surface designed for consistent ball roll and underfoot comfort. A premium, low maintenance system for clubs and private use.	Bowls	n/a	
SuperGreen 2	Short pile sand filled, polypropylene bowls carpet. A premium system designed for clubs and private use.	Bowls	15mm	World Bowls
Ditchbank	A medium pile unfilled carpet curtain to protect bowls from damage.	Bowls – banks	19mm	n/a
Ditchmaster	Approved by Bowls New Zealand as a holding surface for play at the highest level.	Bowls – ditches	40mm	n/a



Products available in:
Asia Pacific, Australia and New Zealand

Product	Description	Application	Pile Height (mm)	Certification/ Accreditation
Club	A cost effective cricket wicket developed for primary school aged cricketers.	Cricket	8mm	n/a
Premier	A cricket wicket suitable for schools, intermediate and senior level use. It allows junior players to develop their skills on a true surface with realistic turn and bounce.	Cricket	9mm	n/a
Deluxe	A cricket wicket that offers a true and consistent bounce for senior level cricket. Performs both indoor and outdoor and is highly regarded by leading associations.	Cricket	9mm	n/a
TigerTest	Suitable for indoor and outdoor use, TigerTest replicates a highly maintained summer grass pitch all year round. An excellent surface for both pace and spin.	Cricket	7mm	n/a



TigerTurf™ Football Rugby

Products available in:
Asia Pacific, Australia and New Zealand

Product	Description	Application	Pile Height (mm)	Certification/ Accreditation
Endurance 40	A highly durable long pile product designed for high usage areas providing excellent playability for all age groups. This surfacing system utilises TenCate XP Pro yarn which is the only yarn in the world sold with an unlimited play durability warranty from the yarn manufacturer. Suitable for play with flat soled shoes. *TenCate offer a 5 year unlimited play yarn durability warranty, please refer to TigerTurf for details.	Multi-Sport, Football	40mm	FIFA 1* as applicable
Pinnacle 40P	The latest in mid pile football surfaces with underlying shock-pad manufactured and tested to meet the demands of professional and community facility operators. The carpet is manufactured with the patented Evolution fibre from TenCate designed to remain upright so players can get their feet under the ball more easily. Ball speed and thus the speed of the game are significantly higher, resulting in optimal ball and playing performance.	Football	40mm	FIFA 1* and FIFA 2* as applicable
Pinnacle 60P	The latest in high pile dual use (Football, Rugby) surfaces with underlying shock-pad manufactured and tested to meet the demands of professional and community facility operators. The carpet is manufactured with the patented Evolution fibre from TenCate designed to remain upright so players can get their feet under the ball more easily. Ball speed and thus the speed of the game are significantly higher, resulting in optimal ball and playing performance.	Football, Rugby, AFL	60mm	FIFA 1* and FIFA 2* as applicable
Pinnacle 60	The latest in high pile dual use (Football, Rugby) surfaces manufactured and tested to meet the demands of professional and community facility operators. The carpet is manufactured with the patented Evolution fibre from TenCate designed to remain upright so players can get their feet under the ball more easily. Ball speed and thus the speed of the game are significantly higher, resulting in optimal ball and playing performance.	Football, Rugby, AFL	60mm	FIFA 1* and FIFA 2* as applicable

Football, Rugby





TigerTurf™ Football Rugby

Products available in:
Africa, Europe, Middle East and United Kingdom

Product	Description	Application	Pile Height (mm)	Certification/Accreditation
Football 50	Football 50 has built a reputation as a budget friendly surface that still meets the required standards for football at community levels.	Football	50mm	EN
Football 60	Football 60 has built a reputation as a budget friendly alternative that still meets the required standards for football at community levels.	Football	60mm	EN, FIFA 1*
Soccer Real 60XQ	A premier Football product to suit the needs of the professionals and the community. An innovative, third generation, surface consisting of two unique profiled fibres. Part filled with rubber and sand.	Football	60mm	FIFA 1*, FIFA 2*
Total Turf 40XQ	A multi-use Football and Hockey product to suit the needs of the professionals and the community. An innovative, third generation surface consisting of two unique profiled fibres. Part filled with rubber and sand.	Football, Hockey	40mm	FIFA 1*, FIH National
Total Turf 60XQ	A premier Football and Rugby product to suit the needs of the professionals and the community. An innovative, third generation surface consisting of two unique profiled fibres. Part filled with rubber and sand.	Football, Rugby	60mm	IRB, FIFA 1*, FIFA 2*
Total Turf 65XQ	A multi-use Football and Rugby product to suit the needs of the professionals and the community. An innovative, third generation surface consisting of two unique profiled fibres. Part filled with rubber and sand.	Football, Rugby, GAA	65mm	IRB, FIFA 1*, FIFA 2*, GAA

EN - European Standards, GAA - The Gaelic Athletic Association

Football, Rugby

TigerTurf™ American Football

Products available in:
Americas

Product	Description	Application	Pile Height (inches)	Certification/Accreditation
Synergy 360	A highly durable artificial turf system engineered from TenCate's Diamond 360 and TenCate's XP yarns, perfectly blended for performance, safety and durability. Mimicking the attributes of natural grass, Synergy 360 provides consistency from end to end so players need only focus on the game.	American Football	2 inches (50mm)	





Products available in:
Asia Pacific, Australia and New Zealand

Product	Description	Application	Pile Height (mm)	Recommended Usage
MiniPutt	A short pile durable putting carpet, designed to be glued onto the base of golf courses.	Mini Golf	10mm	Heavy Traffic
PurePutt	A premium short pile turf specifically designed for residential golf greens. It provides both a true roll and a speed which is ideal for smaller home greens. Very low maintenance required.	Golf - putting	18mm	Heavy Traffic
TigerPutt	A short pile turf designed to be glued onto hard base surfaces, such as wooden decks, concrete or asphalt.	Golf - putting	7mm	Heavy Traffic

Products available in:
Americas

Product	Description	Application	Pile Height (Inches)	Recommended Usage
True Putt	Designed to truly replicate grass and achieve a natural appearance.	Golf - putting	1 inch (25mm)	Heavy Traffic
Nylon Putt	A premium short pile turf specifically designed for golf greens. It provides both a true roll and a speed which is ideal for smaller home greens.	Golf - putting	0.5 inch (13mm)	Heavy Traffic





Products available in:
Asia Pacific, Australia and New Zealand

Product	Description	Application	Pile Height (mm)	Certification/Accreditation
Unfilled				
WETT Pro	An unfilled water-efficient system designed to meet the highest level of FIH performance standards. Installed over a shock pad and asphalt base.	Hockey	13mm	FIH Global
Glide	An unfilled water based surface that is both soft and durable. Perfect for school and high level club use.	Hockey	11mm	FIH Global
Dressed				
Evo Pro	A sand dressed system designed to meet the highest level of FIH performance standards. Installed over a shock pad and appropriate base system.	Hockey	18mm	FIH National
Trophy	A dressed surface designed for Hockey facilities that do not wish to water their surfaces, yet are wanting to offer players a positive playing experience.	Hockey	24mm	FIH National

Products available in:
Africa, Europe, Middle East and United Kingdom

Product	Description	Application	Pile Height (mm)	Certification/Accreditation
Unfilled				
WETT Pro	WETT Pro is a state-of-the-art, water-based hockey product that offers unparalleled performance and durability. It has been designed to use at least 30% less water than traditional hockey systems.	Hockey	13mm	FIH Global, EN, ITF5 (fast)
Dressed				
Evo Pro	Evo Pro is the sand dressed version of WETT (Water Efficient TigerTurf) which is TigerTurf's elite Hockey product. This combined with its fantastic capacity as a Multi-sport product means it is the number one choice within the education and community sectors.	Hockey, Multi-Sport, Tennis	18mm	FIH National, EN, ITF5 (fast), Netball, Futsal
Evo Pro X	Evo Pro X is the sand dressed version of WETT (Water Efficient TigerTurf) which is TigerTurf's elite Hockey product. This combined with its fantastic capacity as a Multi-sport product means it is the number one choice within the education and community sectors.	Hockey, Multi-Sport	18mm	FIH National
Reaction	A mid-range, fibrillated sand dressed product for Hockey and Multi-sport, this is a great all-rounder for all curriculum activity.	Hockey, Multi-Sport	20mm	FIH National, EN
Filled				
Total Turf 40XQ	A multi-use Football and Hockey product to suit the needs of the professionals and the community. An innovative, third generation surface consisting of two unique profiled fibres. Part filled with rubber and sand.	Football, Hockey	40mm	FIFA 1*, FIH National

EN - European Standards, GAA - The Gaelic Athletic Association, FA - The Football Association





Products available in:
Asia Pacific, Australia and New Zealand

Product	Description	Application	Pile Height (mm)	Certification/Accreditation
Advantage Pro	An extremely hard wearing, medium pile, polyethylene texturised monofilament surface. Exclusive fibre type encapsulates more of the sand in-fill producing a surface that is far less sandy in appearance.	Tennis, Multi-Sport	15mm	ITF4 (medium/fast)
Volley Pro	A short pile polyethylene surface requiring no in-fill. Indoors and outdoors it replicates a highly maintained natural grass court with an all year round option.	Tennis	7mm	ITF5 (fast)
Elite	A medium length, polypropylene fibrillated surface designed to be filled with sand, meeting ITF standards. Designed for clubs and top level domestic tennis.	Tennis, Multi-Sport	15mm	ITF4 (medium/fast)
Commercial Grand Prix	A short pile, polypropylene fibrillated surface designed for club and residential courts. A densely tufted turf, which needs very little sand.	Tennis	12mm	ITF2 (medium/slow)
Tournament 1000	A medium pile, sand filled, fibrillated surface. It provides a hard wearing, longer lasting surface, designed for clubs and multi-sport use in schools that have high usage on their courts.	Tennis, Multi-Sport	19mm	ITF4 (medium/fast)
Tournament	A medium pile, sand filled, fibrillated Tennis surface. It is a versatile surface suitable for courts of all types from private homes to tennis clubs and multi-sport use in schools.	Tennis, Multi-Sport	19mm	ITF3 (medium)
Classic	A medium pile, sand filled, fibrillated Tennis surface. Designed for recreational tennis and multi-sport use.	Tennis, Multi-Sport	19mm	n/a
Clay Turf	A short pile surface developed to play like natural clay. Excess sand in-fill creates more slide, high and slow ball bounce. Designed for clubs and private enthusiasts.	Tennis	11mm	ITF3 (medium)
TigerPave	A 100% acrylic resin surface to provide consistent medium paced ball bounce, fair to all playing styles. A comfortable, sure footed surface for maximum durability and U.V. resistance.	Tennis, Multi-Sport	n/a	ITF5 (fast)

Products available in:
Africa, Europe, Middle East and United Kingdom

Product	Description	Application	Pile Height (mm)	Certification/Accreditation
Advantage Pro	The number one tennis surface in the UK, Advantage Pro offers unrivalled durability and performance. Suitable for all levels of Tennis and the soft cushioning underfoot means it's suitable for mixed ages and abilities. This surface is sand in-filled.	Tennis	13mm	ITF4 (medium/fast)
Evo Pro	Evo Pro is the sand dressed version of WETT (Water Efficient TigerTurf) which is TigerTurf's elite Hockey product. This combined with its fantastic capacity as a multi-sport product means it is the number one choice within the education and community sectors.	Tennis, Hockey, Multi-Sport, Netball, Futsal	18mm	ITF5 (fast), FIH National, EN
Tennis Grass 15	Tennis Grass is one of TigerTurf's most established products and has been a firm favourite for general Tennis use for many years. This surface is sand filled.	Tennis	15mm	ITF4 (medium/fast)
Baseline	A short pile, sand filled surface that has been designed to replicate a clay court in both appearance and playing characteristics.	Tennis	11mm	ITF2 (medium/slow)

EN - European Standards, GAA - The Gaelic Athletic Association, FA - The Football Association



TigerTurf™ Education



Products available in:
Asia Pacific, Australia and New Zealand

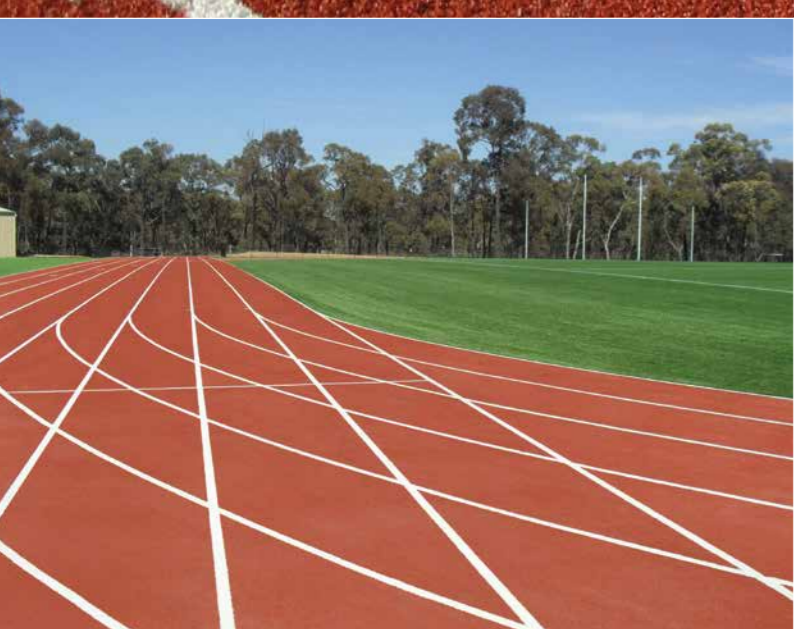
Product	Description	Application	Pile Height (mm)	Certification/ Accreditation
Multi-Sport				
Advantage Pro	An extremely hard wearing medium pile polyethylene texturised monofilament surface. Exclusive fibre type encapsulates more of the sand in-fill producing a surface that is far less sandy in appearance.	Multi-Sport, Tennis	15mm	ITF4 (medium/fast)
Elite	A medium length, polypropylene fibrillated surface designed to be filled with sand, meeting ITF standards. Designed for clubs and multi-sport use in schools.	Multi-Sport, Tennis, Hockey	15mm	ITF4 (medium/fast)
Tournament 1000	A medium pile, sand filled, fibrillated surface. It provides a hard wearing, longer lasting surface, designed for clubs and multi-sport use in schools that have high usage on their courts.	Multi-Sport, Tennis	19mm	ITF4 (medium/fast)
Tournament	A medium pile, sand filled, fibrillated tennis surface. It is a versatile surface suitable for courts of all types from private homes to tennis clubs and multi-sport use in schools.	Multi-Sport, Tennis	19mm	ITF3 (medium)
Classic	A medium pile, sand filled, fibrillated tennis surface. Designed for recreational tennis and multi-sport use.	Multi-Sport, Tennis	19mm	n/a
Endurance*	A highly durable long pile product designed for high usage areas providing excellent playability for all age groups. This surfacing system utilises TenCate XP Pro yarn which is the only yarn in the world sold with an unlimited play durability warranty from the yarn manufacturer. Suitable for play with flat soled shoes. *TenCate offer a 5 year unlimited play yarn durability warranty, please refer to TigerTurf for details.	Multi-Sport, Football	40mm	n/a
Playgrounds				
Junior School	A medium pile surface providing a softer playing surface. Suitable for primary school multi use. Junior School requires little sand in-fill, negating sand migration into classrooms and a softer yarn provides a softer 'landing'.	Multi-Sport, Playgrounds	22mm	n/a
TigerPlay	A hard wearing, dense and soft cushioned surface ideal for early childhood centres, playgrounds and primary school play areas. Comes in a range of vibrant colours creating unique and inviting play areas.	Early Childhood, Schools	24mm	Critical Fall Height





Products available in:
Africa, Europe, Middle East and United Kingdom

Product	Description	Application	Pile Height (mm)	Certification/Accreditation
Multi-Sport				
Evo Pro	Evo Pro is the sand dressed version of WETT (Water Efficient TigerTurf) which is TigerTurf's elite hockey product. This combined with its fantastic capacity as a multi-sport product means it is the number one choice within the education and community sectors.	Multi-Sport, Hockey, Tennis	18mm	EN, FIH, National, ITF5 (fast), Netball, Futsal
Life – TD 18	A colourful, creative and cheerful surface that brings play areas to life. A safer, more attractive and child friendly alternative to traditional playground surfaces.	Multi-Sport, Playgrounds, Landscape	18mm	n/a
Podmore	A durable multi-coloured and texturised product. Ideal for multiple landscape use and activity areas.	Multi-Sport, Playgrounds, Landscape	22mm	n/a
Total Turf 40XQ	A multi-use Football and Hockey product to suit the needs of the professionals and the community. An innovative, third generation surface consisting of two unique profiled fibres. Part filled with rubber and sand.	Football, Hockey	40mm	FIFA 1*, FIH National
Total Turf 60XQ	A premier Football and Rugby product to suit the needs of the professionals and the community. An innovative, third generation surface consisting of two unique profiled fibres. Part filled with rubber and sand.	Rugby, Football	60mm	IRB, FIFA 1*, FIFA 2*
Total Turf 65XQ	A multi-use Football and Rugby product to suit the needs of the professionals and the community. An innovative, third generation surface consisting of two unique profiled fibres. Part filled with rubber and sand.	Football, Multi-Sport, Rugby	65mm	FIFA 1*, FIFA 2*, GAA, IRB
Playgrounds				
Life – TD 18	A colourful, creative and cheerful surface that brings play areas to life. A safer, more attractive and child friendly alternative to traditional playground surfaces.	Multi-Sport, Playgrounds, Landscape	18mm	n/a
Podmore	A durable multi-coloured and texturised product. Ideal for multiple landscape use and activity areas.	Multi-Sport, Playgrounds, Landscape	22mm	n/a
MultiPlay 24 Light	A great all-rounder for those looking for a budget friendly option that can accommodate a whole host of games and activities.	Playgrounds, Landscape	24mm	Critical Fall Height



TigerTurf™ Landscape



Products available in:
Asia Pacific, Australia and New Zealand

Product	Description	Application	Pile Height (mm)	Recommended Usage
Summer Lawn 44	A fine bladed yarn with a summer thatch layer. Summer Lawn 44 provides a beautiful alternative to a rye grass lawn.	Landscape	44mm	Moderate Traffic
Summer Lawn 35	A fine bladed yarn with a summer thatch layer. Summer Lawn 35 provides a beautiful alternative to a rye grass lawn.	Landscape	35mm	Moderate Traffic
Envy 44	A beautiful and authentic alternative to natural grass. The long blade and high density thatch provides a soft and comfortable feel under foot.	Landscape	44mm	Moderate Traffic
Envy 35	A 35mm medium blade grass utilising multiple polyethylene monofilament yarns, with a nylon thatch for added comfort under foot.	Landscape	35mm	Moderate Traffic
Summer Envy 44	Summer Envy 44 is a stunning alternative to natural grass. With a sun kissed tinge, long pile length and dense thatch level this product offers an authentic surface for the discerning landscape.	Landscape	44mm	Moderate Traffic
Summer Envy 35	A beautiful and authentic alternative to dry climate natural grass. The medium blade and high density thatch provides a soft and comfortable feel under foot.	Landscape	35mm	Moderate Traffic
TigerPlay	A hard wearing, dense and soft cushioned surface ideal for pool surrounds, patios, decks and kids play areas. Comes in a range of vibrant colours creating unique and inviting play areas.	Landscape, Playgrounds	24mm	Moderate Traffic

Products available in:
Africa, Europe, Middle East and United Kingdom

Product	Description	Application	Pile Height (mm)	Recommended Usage
Aspire	A realistic and very hard wearing grass which can be used in heavy wear areas. With its two strong contrasting colours it give the appearance of a well-kept lawn. This product has two profiled specialised yarns unique to TigerTurf that will keep the pile standing up straight and true.	Landscape	30mm	Heavy Traffic
Finesse	A soft surface with a two tone brown thatch layer which gives a very natural appearance. Can be used as a non-filled grass in low use applications.	Landscape	28mm	Light Traffic
Finesse Deluxe	Finesse Deluxe is a soft, very dense surface which replicates a natural lawn and even incorporates natural imperfections such as a brown thatch grass layer which give a very natural appearance.	Landscape	35mm	Light to Moderate Traffic
MultiPlay 24 Light	A great all-rounder for those looking for a budget friendly option that can accommodate a whole host of games and activities.	Landscape, Playgrounds	24mm	Moderate Traffic
Podmore	A durable multi-coloured and texturised product. Ideal for multiple landscape use and activity areas.	Landscape, Playgrounds, Multi-Sport	22mm	Moderate Traffic
Urban Garden	Replicates a natural looking garden combining two different types of fibre. An economic surface with a soft top yarn giving a dense natural appearance.	Landscape	24mm	Light to Moderate Traffic
Urban Lawn	Great for your budget TigerTurf's Urban Lawn is a very soft tactile surface ideal for the whole family. It's unique fibre pattern reduces the mobilisation of the in-fill, giving the surface a lush meadow effect.	Landscape	26mm	Light to Moderate Traffic
Urban Terrace	Great for your budget Urban Terrace is designed to be installed over existing decking, patios, slabs and concrete to give you a green look for great value.	Landscape	9mm	Light to Moderate Traffic
Vision Plus	The most visually pleasing product in the range, this soft yet durable surface is designed to replicate the perfect lush lawn that feels real and looks fantastic.	Landscape	30mm	Moderate to Heavy Traffic





**Products available in:
Americas**

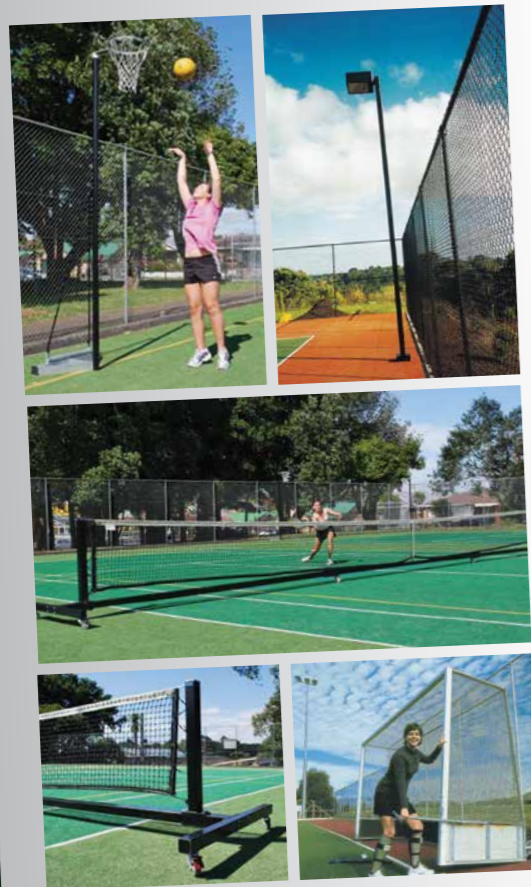
Product	Description	Application	Pile Height (inches)	Recommended Usage
Diamond Light Fescue	Specifically designed to be used for moderate traffic, Diamond Light Fescue is comprised of yarns that are field green mixed with olive green colours.	Landscape, Commercial, Leisure	1 ¾ inch (44mm)	Moderate Traffic
Diamond Light Spring	Specifically designed to be used for moderate traffic, Diamond Light Spring is comprised of yarns that are field green mixed with lime green colours.	Landscape, Commercial, Leisure	1 ¾ inch (44mm)	Moderate Traffic
Diamond Pro Fescue	Specifically designed to be used for moderate to heavy traffic, Diamond Pro Fescue is comprised of yarns that are field green mixed with olive green colours.	Landscape, Commercial, Leisure	1 7/8th inch (48mm)	Moderate to Heavy Traffic
Diamond Pro Spring	Specifically designed to be used for moderate to heavy traffic, Diamond Pro Spring is comprised of yarns that are field green mixed with lime green colours.	Landscape, Commercial, Leisure	1 7/8th inch (48mm)	Moderate to Heavy Traffic
Emerald Pro	Specifically designed to be used for moderate traffic, Emerald Pro is comprised of yarns that are field green mixed with lime green colours.	Landscape, Commercial, Leisure	1 ¾ inch (44mm)	Moderate Traffic
Majestic Light	Specifically designed to be used for light to moderate traffic, Majestic Light is comprised of yarns that are field green mixed with olive green colors.	Landscape, Commercial, Leisure	1.6inch (40mm)	Light to Moderate Traffic
Majestic	Specifically designed to be used for moderate traffic, Majestic is comprised of yarns that are field green mixed with olive green colors.	Landscape, Commercial, Leisure	1 ¾ inch (44mm)	Moderate Traffic
Majestic Pro	Specifically designed to be used for moderate to heavy traffic, Majestic Pro is comprised of yarns that are field green mixed with olive green colors.	Landscape, Commercial, Leisure	1 ¾ inch (44mm)	Moderate to Heavy Traffic
Marquee	Specifically designed to be used for moderate traffic, Marquee is comprised of yarns that are field green mixed with lime green colors.	Landscape, Commercial, Leisure	1 ¾ inch (44mm)	Moderate Traffic
Marquee Natural	Specifically designed to be used for moderate traffic, Marquee Natural is comprised of yarns that are field green mixed with lime green colors.	Landscape, Commercial, Leisure	1 ¾ inch (44mm)	Moderate Traffic
Marquee Pro	Specifically designed to be used for moderate to heavy traffic, Marquee Pro is comprised of yarns that are field green mixed with lime green colors.	Landscape, Commercial, Leisure	1 7/8th inch (48mm)	Moderate to Heavy Traffic
Marquee Pro Natural	Specifically designed to be used for moderate to heavy traffic, Marquee Pro Natural is comprised of yarns that are field green mixed with lime green colors.	Landscape, Commercial, Leisure	1 7/8th inch (48mm)	Moderate to Heavy Traffic
Sierra Light	Specifically designed to be used for light to moderate traffic, Sierra Light is comprised of yarns that are field green, lime green and brown thatch colors.	Landscape, Commercial, Leisure	1.6inch (40mm)	Light to Moderate Traffic
Sierra	Specifically designed to be used for moderate traffic, Sierra is comprised of yarns that are field green, lime green & brown thatch colors.	Landscape, Commercial, Leisure	1 ¾ inch (44mm)	Moderate Traffic
Sierra Pro	Specifically designed to be used for moderate to heavy traffic, Sierra Pro is comprised of yarns that are field green, lime green and brown thatch colors.	Landscape, Commercial, Leisure	1 7/8th inch (48mm)	Moderate to Heavy Traffic
Pet Turf	Specifically designed to be used for moderate to heavy traffic, Pet Turf is comprised of yarns that are field green mixed with lime green colors.	Landscape, Commercial, Leisure	1 inch (25mm)	Moderate to Heavy Traffic

TIGERTURF SERVICES

TigerTurf in Asia Pacific, Australia and New Zealand offers a complete turn-key operation. From system design, base construction and drainage, fencing and lighting, manufacture, installation and our extensive maintenance service, TigerTurf offers the complete package. This enables us to maintain the highest standards of quality, service and workmanship with the added benefit of having one point of contact for the entire project. All our products and installations are covered by our warranty.*

2. Fencing, lighting and accessories

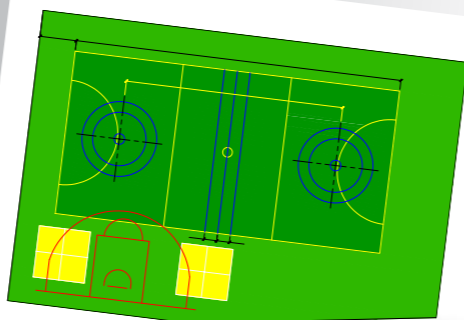
As part of the construction process TigerTurf completes court and field lighting, perimeter fencing and supplies a range of fixed and mobile accessories such as nets and goals.



***All TigerTurf surfaces come with a formal warranty. This warranty is only valid if all maintenance work is completed in accordance with our instructions. If you have any queries please phone your local TigerTurf agent or TigerTurf head office.**

1. Design

Each installation is supported with a comprehensive CAD design showing layout, colours, line markings, designs, measurements etc.



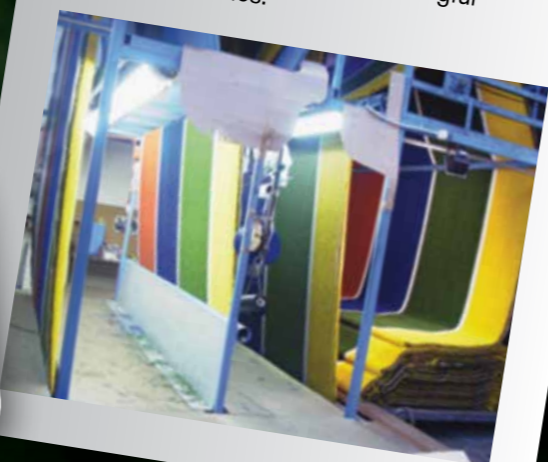
3. Construction

TigerTurf Civil are specialists in the design and construction of the correct sub-base for your site. This includes site pre-inspections to ensure we understand the unique challenges of your site, design and construction plans, construction, including drainage and lighting. Our attention to detail ensures a quality base ready for the installation of your surface.



4. Manufacture

TigerTurf develop and manufacture all their own surfaces from exclusive yarns supplied by TenCate, the world's largest extruder of yarn. Controlling the complete manufacturing process enables TigerTurf to deliver world class surfaces matched by meaningful surface warranties.



5. Installation

To ensure a quality installation, TigerTurf have a network of expert installers who have gained experience working along side TigerTurf for many years.



6. Maintenance

To preserve the quality and playability of your TigerTurf surface, it is important to regularly maintain it. TigerTurf offer a maintenance service to all owners of our installations.



TigerTurf Maintenance

What is TigerTurf Maintenance?

To preserve the quality and playability of your TigerTurf synthetic surface, it is important to regularly maintain them. TigerTurf Maintenance offer a maintenance service to all owners of our installations. Regular servicing will ensure:

- You play with the knowledge and confidence that the surface is properly groomed and in optimum condition for your game.
- The lifespan of the surface will be prolonged.
- Aesthetically, your surface will look neat and tidy at all times.

What does TigerTurf Maintenance offer?

TigerTurf Maintenance provides a six monthly or annual maintenance service which involves:

- Grooming to appropriate tolerances, removing excess sand and other surface debris.
- A chemical treatment to prevent moss and other fungal growth.
- A thorough check of all seams and assessment of wear to date.
- Offer advice on other surface related issues such as drainage, fencing, lighting, nets etc.

How much does TigerTurf Maintenance cost?

The costs for the TigerTurf Maintenance Programme vary depending on environmental factors such as trees, shading and your location and the age and size of your surface.

Please contact your TigerTurf Agent or the TigerTurf head office for more information.



TenCate Grass develops and manufactures synthetic turf fibres and components, and designs systems for sports, recreation and landscape applications.

Together with partners in the industry TenCate Grass aims to pursue a system approach. This gives users confidence in playing characteristics and durability. TenCate Grass is technology-driven and occupies a leading market position worldwide.

TenCate, materials that make a difference



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