



Contact us today for a free, no obligation quote



- www.tigerturf.com.au info@tigerturf.com.au @
- \bigcirc 1800 802 570



- Company Profile
- Design & Construction
- Surface Type
- FIH certificates
- Why TigerTurf?

- Maintenance
- Installation list
- Testimonials
- Brochures
- Performing in other areas





Company Profile

TigerTurf embodies enthusiasm for sport in conjunction with an unprecedented focus on Research & Development and manufacturing.

That's how **TigerTurf** began in 1981, with Graham Vivian at the helm of the small, New Zealand synthetic turf manufacturer.

Today we are leaders in the synthetic turf sports and landscape market, with offices in Australia, New Zealand, USA & United Kingdom. TigerTurf offers synthetic surfaces for all sporting applications, Hockey, Football, Tennis, Soccer, Bowls, Cricket, Multi Sport and more.

TigerTurf offers clients the complete package from manufacture to design, construction and installation as well as ongoing maintenance or in selected cases, we offer product distribution. With **TigerTurf**, you are a customer for life.

Whenever a sports person plays a sport they should have complete confidence in the surface they are playing on. In fact they should be able to concentrate fully on performing their skills to the highest level. **TigerTurf** Australia is a truly national company and therefore can cater for your every requirement.

Performed at its best, hockey is characterised by brilliant ball control and precision passing. This is why international level competition now takes place on synthetic grass fields worldwide and why the advanced range of TigerTurf surfaces are today among the most favored of all.

Stringently tested and fully endorsed by the Federation of International Hockey (FIH), **TigerTurf** is not only made from the finest quality synthetic yarns, it's fibres are specially designed to be non-directional, ensuring exact across the ground passing accuracy and opitmum control over ball speed and bounce.

A new initiative by FIH called for manufacturers of artificial surfaces to develop a playing surface which played like an International Water Based Surface but without the requirement of water. TigerTurf have achieved this with our new WETT (Water Efficient TigerTurf) surface.

TigerTurf surfaces are fully guaranteed and with the correct maintenance will have a life span of many years.



Design & Construction

The base preparation is a critical element of the construction process. If this is right the base will last several surfaces.

A typical base construction from a green field site would involve:

- Strip existing surface and dispose.
- Shape base profile and compact.
- Excavate drainage trenches for specified drainage system.
- Cover base area with geofabric.
- Place, laser level and compact nominal rock.
- Install fencing and floodlighting if specified.
- Laser survey of pitch at 3m grids.
- Install shockpad.
- Install chosen surface with inlaid line marking.
- Infill with sand if required.
- Clean and leave site tidy.
- If specified, the surface is independently tested to FIH standards.

Methodology will vary for a resurface.









The Surface

High performance, low maintenance and a real answer to water restrictions, TigerTurf offers every club a first class solution.

TT32 is a wet field surface that is manufactured by **TigerTurf** as a market equivalent to surfacing options generally available in Australia. FIH approved for world level, specified international and national hockey competitions.

TT37 is a higher quality surface than the TT32. The TT37 has a proven performance in the Australian market place which exceeds 13 years in a number of installations. Whilst providing superb lifecycle cost benefits, the performance of this product offers premium durability and value. FIH approved for world level, specified international and national hockey competitions.

TigerDry is a polyethylene sand dressed surface. FIH approved for specified international and national hockey competitions.

WETT Dressed is a sand dressed polyethylene monofilament surface. FIH approved for specified international and national hockey competitions.

WETT (Water Efficient TigerTurf) is a polyethylene monofilament surface and is the pinnacle of wet field surfaces. Durability and performance of the WETT surface is unrequited in international terms. The added benefit is that is it can be played on dry without any adverse effects to lifespan, player safety and performance if correct usage and maintenance procedures are followed. FIH approved for world level, specified international and national hockey competitions.

TigerTurf recommend **Regupol** Pre-formed pads which provide consistent performance across the entire surface in contrast to in situ pads which are generally of variable thickness due to the levels of the base. **TigerTurf** have exclusive rights to the **Regupol 6010** which is manufactured from pure rubber which provides more controlled movement due to variable moisture content.

Additionally, pre-formed pads have been proven to outlast in-situ pads by a factor of three to one, enabling the pad to be reused two to three times. Market experience is showing that pre-formed pads will yield savings in excess of \$150,000 in current value over their lifetime when compared with in situ pads, which generally require substantial repairs, or replacement each time the surface is renewed due to shrinkage fractures and degradation of the binder.

When comparing the surfaces offered, it should firstly be noted that **TigerTurf** manufacture to rigid specifications and use specialised yarns in high quantities in these products. A comparative analysis of the face weight of the **TigerTurf** products and others will confirm this.



TigerTurf WETT

FIH search for more Global Game:

A new initiative by FIH called for manufacturers of artificial surfaces to develop a playing surface which played like an International Water Based Surface but without the requirement for water. This initiative was based on the environmental benefits gained through less water consumption and the aim of spreading the game of hockey to countries that do not have sufficient water supplies and therefore could not afford the top level water based surfaces.

Matching and bettering the characteristics of Nylon surfaces, which have long been considered the leader in synthetic surfaces, but which come with a greater price tag, water requirements and high abrasiveness when dry, was a key aspect in our research and development.

Our surface needed to match Nylon but at a lower cost and with the ability to be used safely dry.

Success

TigerTurf has achieved this by developing what we call our WETT (Water Efficient TigerTurf) surface. This surface is made of a dense, texturised, polyethylene monofilament with narrow blades. The polyethylene is a newly designed thread, which is thinner and stronger than previous polyethylene threads. This dense polyethylene carpet gives many benefits including a slick playing surface with stability under foot.





Testing results have shown:

- Through the development and testing of our new WETT surface TigerTurf have met all of the Global standards that are required for a wet surface by the FIH. These tests looked at ball roll, deviation and rebound, underfoot friction, impact response, pile/pad deformation and several other tests relating to the carpet requirements.
- TigerTurf's WETT surface has met all bar one of the FIH GLOBAL standards when dry, thereby demonstrating performances the same and better than a standard wet field. The one area in which it did not meet the Global standard was in ball bounce where it bounced slightly higher (20mm). This is only when the surface is dry however, as when watered it was well within the required standard.
- Testing has also shown that the thinner fibre of the monofilament yarn allows for a denser more texturised surface that gives the surface better grip than current polyethylene yarns and also gives a longer life than the TT37 (the current top line TigerTurf water surface) product and other current polyethylene hockey surfaces. In fact the wear – lab tests indicate that the surface will wear significantly longer (20+%) than current surfaces.
- Standard warranty for a TT37 is 5 years, but due to expected longer life of the WETT surface we provide an 8 year warranty on this surface.
- The WETT surface has also shown through testing to have a longer deformation period. This means that the yarn doesn't fold over and flatten out due to the thinner monofilament fibres and denseness of carpet, as quickly as other surfaces.
- The newly designed carpet has shown to have less friction between the ball and the surface resulting in a faster game and allowing players to work the ball

more efficiently. This was the case under both wet and dry conditions which is the targeted requirement.

• Water requirements on our new WETT surface are such that it can be played on dry but for optimal playing conditions (limited bounce factor) the surface requires water.

Overall Benefits:

Financial:

- Savings in water usage as can be played on dry by lower level players. However, please note optimal conditions are still found when watered.
- Life expectancy greater than previous surfaces resulting in longer periods between replacements meaning overall substantial savings.

Player Based:

- A faster surface both in ball speed and allowance for skill use.
- A more stable feel under foot from feedback, including improved grip.
- Due to the type of yarn the surface is grain free which allows consistent ball and stick movement in all directions.



	CERTIFICATE
	OF PRODUCT APPROVAL
	This is to certify that the Synthetic Hockey Surface described as
	TigerTurf TT32
	submitted by
	Tiger Turf
	has been tested and found to comply with all the performance requirements established by this Federation for
	world level hockey competitions
	 specified international hockey competitions
	 national hockey competitions
	This approval is valid until
	20 December 2012
	Sts va Buda L -
	PRESIDENT
14	FEDERATION INTERNATIONALE DE HOCKEY
Н -	INTERNATIONAL HOCKEY FEDERATION











	CERTIFICATE OF PRODUCT APPROVAL
	This is to certify that the Synthetic Hockey Surface described as
	TigerTurl WETT
	submitted by
	TigerTurf Ltd.
	has been tested and found to comply with all the performance requirements established by this Federation for
	· world level hockey competitions ·
	 specified international hockey competitions national hockey competitions
	This approval is valid until
	15 January 2012
	Sts va Buda L -
	PRESIDENT
н -	FEDERATION INTERNATIONALE DE HOCKE



Why TigerTurf?

There are numerous synthetic grass suppliers throughout Australia, below are just a few points on "Why TigerTurf" are the leaders in the market place:

• TigerTurf has been manufacturing synthetic grass since 1981.

We are a leader in global synthetic turf with manufacturing facilities in New Zealand, USA and the United Kingdom. We have total control over production and quality.

- We invest heavily in research & development and have our own laboratory based in the United Kingdom. We are not just a "me too" manufacturer. We are innovative company and are continually developing new products for all applications. TigerTurf invest heavily to provide surfacing systems accredited to international sports bodies such as FIFA, FIH and ITF.
- All of our products are UV protected to the Australian climate and come with a 5 to 8 year warranty.
- It is important when comparing products from alternative suppliers that you are looking at "like for like". TigerTurf offer premium yarns, stitch rate and durable backing material. A lot of alternative suppliers have fewer stitches and a lighter backing. Feel free to ask TigerTurf for a specification sheet or comparison chart.
- **TigerTurf** offer the full package, consultation, supply, installation and maintenance. All of our employees, distributors and partners are highly trained and experienced.
- Our Australian business has been a supplier of choice to leading sporting, educational and landscape applications in thousands of sites nationally.
- To ensure you are getting a good quality, hard wearing surface always ask for TigerTurf.



Maintenance

On completion of the installation of a **TigerTurf** field a Maintenance guide is provided for the facility manager. In addition training is offered, on site, by the installation team on correct brushing methods and how to control high use areas, such as goal areas and entranceways. Weekly maintenance includes drag brushing and the removal of debris from the area.

To ensure that the surface is maintained to the highest possible standard we recommend our maintenance program. On receipt of a signed agreement, your facility will be programmed for a service at agreed intervals. During that service our

maintenance team will groom the field, spray the court to prevent moss and other fungal growth, check all seams and offer advice on other court related issues.

This ensures a surface will last beyond its warranty period, performing throughout to a high standard. It will also avoid unnecessary and expensive "rejuvenation" by maintenance contractors.

A well-maintained **TigerTurf** pitch can out perform and outlast a neglected area by up to 50%.





Installation's



Maitland Hockey Club, NSW TigerTurf TigerDry 2008



Monash Hockey Club, Victoria, TigerTurf WETT 2008



Installation's



Footscray Hockey Club, Vic by TigerTurf WETT Dressed 2009



Aquinas Hockey Club, WA by TigerTurf WETT 2009



TigerTurf Hockey Field Construction / Installations

1988	Auckland Association	Manukau, NZ	Sand-filled
1989	North Harbour Association	Albany, NZ	Sand-filled
1990	Auckland Grammar School	Auckland, NZ	Sand-filled
	Otago Association	Dunedin, NZ	Sand-filled
	Wellington Association	Wellington, NZ	Sand-filled
1991	Counties Association	Pukekohe, NZ	Sand-filled
	Hawkes Bay Association	Napier, NZ	Sand-filled
	Kings School	Auckland, NZ	Sand-filled
	Wollongong University	NSW, Aust.	Sand-filled
1992	Eastern Southland Association	Gore, NZ	Sand-filled
	Goulburn Club	NSW, Aust.	Sand-filled
	University of New England	NSW, Aust.	Sand-filled
	Waikato Association	Hamilton, NZ	Sand-filled
1993	Goulburn Valley Association	Victoria, Aust.	Sand-filled
	Mordialloc RSL Club	Victoria, Aust.	Sand-filled
	Mt Roskill Grammar	Auckland, NZ	Sand-filled
	Tamworth Association	NSW, Aust.	Wet
	Thames Valley Association	Ngatea, NZ	Sand-filled
1994	Canterbury Association	Christchurch, NZ	Wet
	Golden Grove Club	Adelaide, Aust.	Sand-filled
	West Coast Association	Greymouth, NZ	Sand-filled
1995	Burwood Methodist Ladies College	NSW, Aust.	Sand-filled
	Penrith Stadium	NSW, Aust.	Sand-filled
	South Canterbury Association	Timaru, NZ	Sand-filled
1996	Central Otago Hockey Ass.	Crornwell, NZ	Sand-filled
	Taranaki Association	Stratford, NZ	Sand-filled
1997	Bunbury Hockey Association, Camberwell Grammar School Collie Hockey Association Northland Hockey Association North Harbour Association Pymble Girls College Whyalla Hockey Association	WA, Aust. Melbourne, VIC WA, Aust. Whangarei, NZ Albany, NZ Pymble NSW Wyalla, SA	Wet Sand-filled Sand-filled Wet Sand-filled Sand-filled
1998	Christian Brothers College	Adelaide, Aust	Sand-filled
	Hawthorn Hockey Club	Melbourne, VIC	Sand-filled
	Otago Hockey Association	Dunedin, NZ	Wet
	Soonchunhyung University	Seoul, KOREA	Wet
1999	Burnie Hockey Association	Bernie, TAS	Wet



TigerTurf Hockey Field Construction / Installations

	Doncaster hockey Club Geraldton Hockey Association Hawkes Bay Association North Otago Association Methodist ladies College Mt Gambier Hockey Assoc The Netherlands Hockey Ass Rydal School	Melbourne, VIC Geraldton, WA Hawkes Bay, NZ Oamaru, NZ Melbourne, VIC Mt Gambier, SA Amsterdam, EUR North Wales, UK	Wet Wet Wet Sand-filled Sand-filled
2000	Albury Wodonga Hockey Ass Brighton Secondary School Camberwell Hockey Club Geelong College Henry Box School Newton Mernes School St Michaels' College Waikato Association	Albury, NSW Melbourne, VIC Melbourne, VIC Melbourne, VIC Oxford, UK Scotland Dublin, Ireland Hamilton, NZ	Wet Sand-filled Sand-filled Sand-filled Wet
2001	Auckland Grammar School Auckland Hockey Ass x2 Canterbury Hockey Association	Auckland, NZ Auckland, NZ Christchurch, NZ	Wet Wet Wet
2002	Monash University – Frankston Saint Kentigerns College Waverley Hockey Waiarapa Hockey Association	Melbourne, VIC Auckland, NZ Melbourne, VIC Carterton, NZ	Sand-filled Wet Dressed
2003	Feilding Technical College Smithton Hockey Association Tauranga Hockey Association Taupo Hockey Association	Feilding, NZ TAS, Aust Tauranga, NZ Taupo, NZ	Sand-filled Wet Wet Wet
2004	Hawthorn Malvern Hockey Club	Melbourne, Aust	Sand-filled
2005	Eastern Goldfields Hockey Hockey New England Lower Great Southern Hockey Maryborough & District Hockey Mt Roskill Grammar Northland Hockey Seacliff Sports Club Wollongong University	Kalgoorlie, WA Armidale, NSW Albany, WA Maryborough, QLD Auckland, NZ Whangarie, NZ Seacliff, SA Wollongong, NSW	TigerDry TigerDry Wet Wet TigerDry Wet Sand-filled TigerDry
2006	Bay of Plenty Hockey Hawkes Bay Association Warrnambool & District Hockey Waikato Association	Rotorua, NZ Napier, NZ Warrnambool, VIC Hamilton, NZ	Wet Wet TigerDry Wet
2007	Avondale	Auckland, NZ	Wet



TigerTurf Hockey Field Construction / Installations

Bradfield College Bushport Multi Cannock Hockey Club **Counties Hockey** Durbin Imperial College Lichfield Hockey Club Liskard College North Harbour Assoc Penleigh and Essendon Grammar St Paul Collegiate 2008 Botanics Hockey Club **Birchwood School** Central Coast Grammar Cranbrook School **Downe House** Eltham College Far North Hockey Forres Sandle Manor School Headingon School Loddon Valley Leisure Centre Merchant Taylor School Maitland Hockey Monash University Perse School North Harbour Assoc Northland Hockey St Hughs School St Peters School Tunbridge Wells Girls GS **Abbeyfield School** Academy Milton Keynes Aquinas College Bay of Plenty Hockey **Buller District Council Dundee University** Footscray Hawkes Bay Assoc Highgate

Hawkes Bay Assoc Highgate Kristin School Marlborough Hockey Assoc Otago Association South Canterbury Hockey Timaru

2010 Auckland Hockey

Berkshire, UK Paihiatua, NZ Staffordshire, UK Pukekohe, NZ South Africa Middlesex, UK Lichfield, UK Cornwall, UK Albany, NZ Keilor Downs, VIC Hamilton, NZ UK Wolverhampton, UK Gosford, NSW Kent, UK Berkshire, UK Research, VIC Kaikohe, NZ UK Oxford, UK UK UK Maitland, NSW Vic Cambridge, UK Albany, NZ Whangarei, NZ UK UK Tunbridge Wells, UK

UK Milton Keynes, UK Perth, WA Rotorua, NZ Westport, NZ Dundee, UK Vic Napier, NZ UK Auckland, NZ Blenheim, NZ Dunedin, NZ Timaru, NZ WETT Dressed Sand-filled WETT Wet WETT WETT Dressed WETT Dressed WETT Dressed Wet Sand-filled Wet WETT Dressed WETT Dressed TigerDrv WETT Dressed WETT Dressed TigerDry TigerDry WETT Dressed WETT Dressed WETT Dressed WETT TigerDry WETT WETT Dressed WETT WETT WETT Dressed WETT Dressed WETT Dressed

WETT Dressed WETT Dressed Wet TigerDry WETT Dressed WETT Dressed WETT Dressed WETT WETT WETT WETT WETT Dressed WETT Dressed WETT

WETT

Auckland, NZ

Note: TigerDry was changed from Wet dressed in 2008 - Updated Jul 09



2009

Blair Hopping, New Zealand BlackStick representative with more than 200 games says:

"WETT is a vastly improved surface for the club and elite player. The ball is played truly in all directions and with the wear test and TigerTurf warranty clubs looking to install a new Hockey surface should look no further"

Bryce Collins, New Zealand BlackStick representative and Coach at North Harbour says:

"I find the ball to travel crisply and flat along the deck and it has a superior feel to many of the surfaces around the country. The ability to move the ball quickly with confidence across the width of the pitch proves the surface is conducive to hockey at the highest level."

Ken Bedford, President - Grounds Committee Cannock Hockey Club, England says:

"Players of all standards and abilities are delighted with the new WETT carpet, which not only provides outstanding performance when irrigated but a very good and acceptable surface when dry."

Roger Wall head of Hockey at Bradfield College, said:

"WETT Dressed really is a fantastic surface and is undoubtedly progressing the skill levels of our players. We are really impressed by the quality, in particular its all-weather capabilities. It is an equally good surface when soaking wet or bone dry. Designed specifically with the needs of the hockey player in mind, the pitch has provided Bradfield with a hockey facility to be proud of."

TigerTurf WETT has been installed at Aquinas College in Perth. Mark Hagar, former Australian player was involved in the product selection and reported that the TigerTurf WETT surface was the best he had ever played on.





Houte Scaledis no. Long 1 4014 - 1 may and 1 Refficience (330) Tal of 30600 (330) Tal of 30600 (330) Fue of 1 30 (350) Fue of 1 30 (350) Fue of 1 30 (350)

TigerTurf Australia is a world leading synthetic grass manufacturer and has been installing synthetic hockey surfaces for more than 25 years throughout the world and as the coach of the Kookaburra's I am very excited TigerTurf is Hockey Australia's 'Official Supplier' of synthetic surfaces.

From a coach's perspective, it is essential for a surface to be made from the finest quality synthetic yarns to allow exact across the ground passing accuracy and optimum control over ball speed and bounce. TigerTurf's range of synthetic hockey surfaces are approved to Federation of International Hockey (FIH) standards to ensure the surface is tested to stringent criteria and meets player's performance expectations.

The TigerTurf WETT installation at Aquinas Hockey Club in Perth is a top class installation, benefiting from a more stable feel under foot, less friction between ball and surface resulting in a faster more consistent game.

I have no hesitation endorsing TigerTurf and their products.

Kind Regards,

& Stranterwater

Dr Richard Charlesworth AM





Holm widek 35 Lon (3- Statif Soc Beauty S325 V Ave VET 11 Soc of the Stati Tref of Station Tref of Station

11 January 2010

Mr Chris Simpson Chief Executive TigerTurf Australia Pty Ltd 121 National Boulevard Campbellfield VIC 3061

To whom it may concern,

Hockey Australia is pleased to announce that TigerTurf are the 'Official Supplier' of synthetic surfaces to Hockey Australia.

We are delighted to welcome TigerTurf to Hockey Australia's sponsorship family and are confident the partnership will have long term benefits to both organisations.

TigerTurf Australia is a world leading synthetic grass manufacturer and has been installing synthetic hockey surfaces for more than 25 years. We look forward to working together and developing a partnership with a synthetic surfaces industry leader.

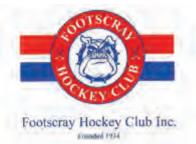
Hockey Australia has no reservation in recommending TigerTurf and their products.

Kind Regards,

1 Ac

Mark Anderson Chief Executive





To TigerTurl Australia

The Footscray Hockey Club has just finished playing it's first season on our new WETT Dressed surface TigerTurl installed in March 2009. The surface has performed exceptionally well in wet or dry conditions and has became the preferred ground to play on at our complex.

We held the Australian National Veterans Championships at the complex in October with 70 teams competing over a two week period, with ages ranging from over 40 to over 70 years old. All of the players were surprised on the way the surface performed as they are used to playing on wet surfaces and could not believe a dressed surface could perform so well in wet or dry conditions.

The Australian under 21 Lacrosse team have specifically asked to hold their competition on the surface in early January next year as they have heard such good reports from other lacrosse teams that have used the surface.

Our club is more than happy with our new WETT dressed surface and look forward to many years of enjoyment playing on this ground.

Kind Regards,

Neil Coster Chairman Footscray Hockey Club



Performing in other areas

Since 1981 **TigerTurf** has offered the complete range of premium synthetic surfaces and acrylic coatings for all sporting and landscape applications complemented by our complete one stop service. From on site visits, design, construction, installation and maintenance, **TigerTurf** directly constructs and manages the project to your guaranteed satisfaction. **TigerTurf** sports and landscape surfacing systems are used in school, community and elite sport environments and include a wide variety of systems accredited by national and international sporting associations including FIFA, FIH, IRB and ITF.

Landscape. TigerTurf grass is always green, always lush. It requires no watering or mowing, so relax and enjoy. Our latest landscaping products have been developed specifically to harmonise with the natural environment, improving safety for children, increasing usage for the community and bringing green and durable grass surfaces to outdoor areas without the need for water.

Schools. TigerTurf is turning standard school grounds into brilliant multisport playgrounds. Throughout Australia, a common problem for many primary and secondary schools is having bare, bumpy ovals that are rock hard in the summer and virtually unusable "mudbaths" in winter, asphalt surfaces that take skin off knees and the fun out of play. This is where **TigerTurf**'s market leading synthetic surfaces can greatly assist in delivering high quality tailored solutions that transform school grounds into aesthetic, safe and practical play areas which are usable day in, day out regardless of the weather, and turn existing plain sport spaces into brilliantly versatile multisport facilities.

Play. TigerTurf shock absorbing synthetic grass surfaces can assist in delivering tailored solutions that transform playgrounds into high quality, all weather playscapes that maximise delight and minimize injury, day in, day out.

Tennis. TigerTurf supplies a range of synthetic tennis surfaces to International Tennis Federation standards, designed for differing performance requirements. Players benefit from a sure-footed surface that not only delivers excellent traction, but the shock-absorbency and "give" needed to be gentle on their joints and prevent injury.

TigerTurf also supply and install a range for acrylic surfacing options. From economical acrylic hard court coatings to high performance cushioned acrylic surfaces, **TigerTurf** can meet your needs.

Football / AFL. TigerTurf is an accredited licensee of the Federation International Football Association (FIFA) Quality Concept AFL/CA. Using exclusive new yarns with innovative manufacturing methods, the most realistic and natural looking artificial grass surfaces ever produced for football and AFL are now available. In terms of toughness, they are also able to take all the stomping (and skids from studded boots) that teams can throw at them, season after season. This has been proven time and time again in the many **TigerTurf** installations already completed throughout Australia and worldwide.

Bowls. Endorsed for tournament level use by World Bowls, Bowls Australia and Bowls New Zealand, **TigerTurf** synthetic greens not only provide clubs with superb surface options available 365 days of the year, but also greatly reduced maintenance costs.













