

SUBAIR Systems: FIRST in Thailand

Revolutionary 'Holy Grail'
Construction Unveiled at
The Els Club Desaru,
Malaysia!



SPICING THINGS UP AT LIV GOLF SINGAPORE

Cooking up a fest with
BBQ for Volunteers

CENTAUR ASIA PACIFIC STRIKES GOLD

A Resounding Success at Industry Field Day
at the Pacific Golf Club!

Image:
Pacific Golf Club
Queensland, Australia

Business of the Month

Inside Golf June 2023



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Capillary Concrete is now CapillaryFlow!

In 2009, Capillary Concrete founder Martin Sternberg invented the Capillary Material, the only building material in the world that can move water up by capillary action and also swiftly drain water with the help of gravity. Over the next decade, this invention laid the foundation for the development of ground-breaking products that leverage the Capillary Material's innate moisture control properties to offer customized solutions for different scenarios in golf courses, sporting arenas and green cities. These solutions include the hugely successful Capillary Concrete bunker system and Capillary Hydroponics, the world's first hydroponic turfgrass system that has game-changing technology.



CapillaryFlow, our company's new name, is meant to reflect the unique properties of our patented Capillary Material, which forms the bedrock of all our solutions.

The Capillary bunker system, for instance, uses Capillary Material to ensure bunkers rapidly drain excess rainwater while also retaining adequate moisture for the perfect playing conditions. Similarly, Capillary Hydroponics – which allows for the cultivation of strong, green turfgrass grown anywhere without soil, and requiring up to 85% less water – uses Capillary Material to move oxygenated water and nutrients directly to the roots of the grass, allowing for maximum water efficiency and minimal waste. Capillary Material also enables the building of bases for sports fields and equestrian arenas that can control moisture 100%. The patented material ensures that these surfaces are not only sustainable but are the safest for sportspersons and animals and are the most functional ever.

Building a sustainable future with Ocean Glas

With unwavering dedication, Centaur Asia Pacific proudly introduces Ocean Glas's revolutionary environmentally friendly packaging, which boasts an impressive 39% reduction in plastic weight for every 1000 litres pallet. This significant advancement is a testament to our resolute commitment to fostering a sustainable future for generations to come.

By embracing innovation and eco-conscious practices, we aim to lead the charge in creating a greener and more responsible world, where the impact on our planet is minimized while still delivering exceptional products and services. Together, hand in hand, we forge ahead, driven by the shared vision of a brighter, more sustainable tomorrow.



Revolutionize Turf Care with HydroForce Ultra: Unleash the Power of Innovative Chemistry for Superior Performance!



Introducing HydroForce Ultra, an innovative chemistry featuring a distinctive molecular design, developed in collaboration with a leading block co-polymer technology manufacturer. Rigorously tested across the USA, Europe, Asia, and Australia, it has demonstrated outstanding performance, excelling even in the most challenging conditions where other products fell short. HydroForce Ultra delivers both curative and preventive effects on localized dry spots, making it a game-changer in turf care.



- ✓ HydroForce Ultra improves fungicidal performance, enhances turf quality in tough summer conditions – US University research.
- ✓ HydroForce Ultra is a tank mix compatible with a range of products
- ✓ HydroForce Ultra has a very low burn potential, even when applied at high temperature
- ✓ For maximum performance, apply HydroForce Ultra at recommended rates followed by light irrigation to move the product into the root zone

Unsung Heroes Honored: Centaur Asia Pacific Sponsors BBQ Lunch for Turf Maintenance Volunteers at LIV Golf Tournament

The LIV Golf League is making its highly-anticipated debut in Singapore during the fifth tournament of the 2023 season, a remarkable milestone that brings the world's top golfers to Asia. The league recognizes the immense potential and passion for golf in this massive market and aims to deliver a competition and event experience of unparalleled excellence.



In 2023, LIV Golf expanded its reach to seven different countries, showcasing its commitment to global growth. An exciting development came to light when the Sentosa Golf Club agreed to a multi-year deal to host LIV Golf events. The esteemed partnership, set to run for six years until 2028, solidifies Sentosa Golf Club's status as a premier venue for top-tier golfing competitions in the region.

Amidst this grand occasion, Centaur Asia Pacific takes immense pride in organizing and sponsoring the BBQ lunch for the dedicated turf maintenance volunteers throughout the event. These unsung heroes play a crucial role in ensuring the smooth execution of the tournament and providing a pristine playing environment for world-class golfers.

During the tournament, Mr Andy Johnston, the General Manager & Director of Agronomy of Sentosa Golf Club, expressed gratitude to Mr Danny Potter, Owner & Founder of Centaur Asia Pacific and his team for their unwavering dedication to the golfing event. A certificate of appreciation was thoughtfully presented as a symbol of recognition for their exceptional efforts in making the tournament a resounding success.



The first SubAir Subsurface System in Thailand SubAir

Robinswood Golf Club in Thailand proudly stands as the country's first to embrace the cutting-edge SubAir system on all its greens. Integrated during the construction phase last year, the SubAir system is now fully operational, granting the Superintendent precise control over moisture levels during the rainy season by efficiently removing excess moisture. Moreover, during the dry and hot season earlier this year, the Superintendent harnessed SubAir's capabilities to facilitate root growth and maintain healthy turf by circulating fresh air from beneath the greens through the drainage pipe.

This innovative above-ground system at Robinswood Golf Club ensures easy servicing and maintenance for optimal performance.





Centaur Asia Pacific has been appointed as the official distributor of CapillaryFlow's innovative solutions for various industries, including golf courses, equestrian surfaces, and landscapes, across Australia and New Zealand. With a strong reputation for delivering high-quality products and solutions, Centaur Asia Pacific's founder, Danny Potter, expanded the business from Asia to Australia in 2020, allowing him to spend more time with family while bringing world-class products like Capillary Bunkers, EcoBunker, and Loksand to the region.

Martin Sternberg, Founder and CEO of CapillaryFlow, expressed excitement about the expanded tie-up, highlighting Centaur Asia Pacific's experience and strength in realizing the incredible potential of their new systems. With the recent addition of Nathan Wheble to the team, fulfilling a key role in Operations Support, Centaur Asia Pacific is well-prepared for future expansion and is committed to delivering tailored solutions that meet their customers' specific requirements.

With the partnership between Centaur Asia Pacific and CapillaryFlow, the stage is set for an exciting journey of launching new products and entering new markets in Australia. Working closely together, both companies are poised to bring cutting-edge technology and innovative solutions to golf courses and other industries while minimizing disruptions and ensuring smooth project execution.

Indooroopilly Golf Club's Innovative Bunker Solutions with CapillaryFlow Technology

Indooroopilly Golf Club offers an exceptional and traditional golfing experience, boasting 36 holes of championship golf and well-matched clubhouse facilities. Nestled in a serene parkland along the Brisbane River, the Club provides flexible and accessible membership options for players of all levels, just a short ten-minute drive from downtown Brisbane.

The Course team at Indooroopilly Golf Club dedicates more than 3200 hours each year to bunker maintenance, a commitment that intensifies after significant weather events. Heavy rain often results in undesirable levels of bunker face damage, prompting the need for improved drainage solutions for faster recovery. Unclear entry and exit points, varying sand specifications, and inadequate bunker drainage pose challenges, requiring substantial resources following adverse weather conditions.

To ensure consistent bunker playability and presentation, the Club plans to construct new bunkers using CapillaryFlow's revolutionary Capillary Material. This unique material maintains bunker floors and walls porous, significantly enhancing drainage while reducing washouts and collapses. With this construction method applied to all new bunkers, maintenance demands will decrease, allowing for smoother play after heavy rainfall and granting Course staff better control over bunker conditions.



Additionally, the installation of the Capillary Wash Box comes with a 15-year performance guarantee, eliminating washouts, contamination, and plugged balls. CapillaryFlow's patented technology minimizes sand migration within the bunkers, safeguarding golfers' club heads.

The Club is currently in the process of installing bunkers, with completion expected in the coming months for the Red, Gold, and Green loops. The skilled installation work is being carried out by the experienced team from McMahons Pty Ltd.



CapillaryFlow Shines with Quality Product Showcase at GCSAA Event!

In February 2023, Centaur Asia Pacific participated in the GCSAA event in Orlando, where they engaged in an insightful talk on CapillaryFlow, focusing on bunker management and providing valuable insights to golf course professionals.

The captivating wash box demonstration at Dubsread Golf Course showcased the practical application of Capillary Materials in bunkers, leaving a strong impression on Superintendents and Managers.



The Distributor meeting with Hydrowick on Monday evening offered Centaur Asia Pacific a chance to strengthen their partnership and explore avenues for promoting and expanding the reach of Hydrowick's innovative solutions. Additionally, the Capillary Hydroponics exhibition at Hawks Landing Golf Course on Tuesday demonstrated how this technology can enhance tee surfaces and promote sustainable course management, emphasizing the industry's commitment to eco-friendly practices.



Unmissable Annual Event for Networking and Reunions in Sports Turf Management Industry

The ASTMA show is a highly anticipated annual event in the calendar due to the valuable connections and reunions it offers to attendees. Many professionals in the sports turf management industry find it to be an unmissable opportunity to network and catch up with peers and colleagues. Centaur Asia Pacific is excited to support the event once again and is already looking forward to attending the show in 2024.

Capillary Bunkers Revolutionize St Lucia Golf Links: A Historic Milestone in Course Excellence and Sustainability!

At the historic St Lucia Golf Links, a Brisbane City Council golf course, the implementation of Capillary Bunkers has reached a significant milestone. With half of the course already completed with these innovative bunkers, golfers and course management alike are experiencing the numerous benefits offered by this cutting-edge technology. Capillary Bunkers, known for their exceptional drainage capabilities and reduced sand migration, has garnered widespread praise for enhancing the playing experience and course maintenance efficiency.



The successful installation of the first half of Capillary Bunkers at St Lucia Golf Links has generated excitement and anticipation for the remaining half, which is scheduled to be installed in the coming months. The Course management team, along with the golfers, eagerly awaits the full transformation of the course as the remaining Capillary Bunkers are put in place. The decision to utilize Capillary Bunkers is a testament to Brisbane City Council's commitment to staying at the forefront of golf course maintenance technology and providing players with a top-tier golfing experience. As the second phase of installation nears, St Lucia Golf Links

is poised to set new standards in course playability and sustainability, showcasing how modern innovations can elevate the performance of a historic golf course.

Capillary Bunkers Transforming Golf Courses Across Asia and Australia: The Future of Course Innovation



We are excited to share that our inaugural CapillaryFlow bunker installation has commenced in Vietnam. This marks a significant milestone for us, and we are eager to keep you informed about the progress and outcomes of this innovative project.

Stay tuned for updates on our social media on how CapillaryFlow technology is transforming golf course maintenance and playability in Vietnam.



We extend our sincere gratitude to Todd and the Mount Coolum Golf Club team for their exceptional work in installing Capillary Bunkers with efficiency and skill. We are eagerly anticipating witnessing the bunkers in action! With Capillary Bunker's unique ability to retain moisture and keep the sand stable, golfers can enjoy a consistent and cushioned hitting surface for bunker shots.

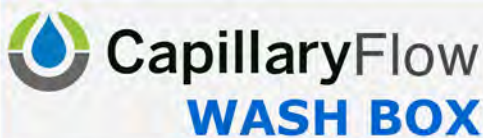


Is your golf course struggling with bunkers that fail to withstand the elements, resulting in unsafe playing surfaces, washouts, and plugged balls?

The Pacific Golf Club in Queensland, Australia has found the solution by installing Capillary Bunkers on their golf course.

With professional installations by Prolinks Construction, these bunkers, along with EcoBunker, provide a reliable and safe playing surface in all seasons, ensuring an enhanced golfing experience for players.

CapillaryFlow's revolutionary Capillary Material is making its way to Mt Warren Park Golf Club, where Mark Lawson and his skilled Prolinks team are showcasing their efficiency in installing the innovative Capillary Bunkers. Once again, they impressively demonstrate that an average-sized Capillary Bunker can be set up in less than an hour, emphasizing the ease and effectiveness of this cutting-edge technology. The installation not only enhances the golf course's playability and aesthetics but also emphasizes the growing popularity of CapillaryFlow's proprietary Capillary Material in the golf course management industry.



Scan/Click to learn more



We offer an industry-leading 15-year structural and drainage performance guarantee on our patented Capillary Material when the Capillary Wash Box is installed alongside any CapillaryFlow solution.



Shek O Country Club's Renovation Journey with EcoBunker

The ongoing bunker renovation at Shek O Country Club in Hong Kong is a testament to the commitment and dedication of Ross Grieve, the Club's Superintendent. Three years ago, he embarked on this ambitious project, diligently renovating approximately 10 bunkers each year. His vision was not only to enhance the aesthetics and playability of the bunkers but also to address the recurring issues of wash-outs and high bunker maintenance that often plague golf courses.



To achieve these goals, Ross Grieve made a strategic decision to incorporate EcoBunker as an integral part of the bunker renovation process. EcoBunker, known for its innovative design and environmentally friendly features, has proven to be a game-changer in the golf course industry. By adopting EcoBunker technology, Shek O Country Club aimed to significantly reduce the occurrence of wash-outs, where heavy rains wash away the bunker sand, and to streamline bunker maintenance, ensuring the bunkers remain in top-notch condition with minimal upkeep requirements. This forward-thinking approach demonstrates the Club's dedication to providing golfers with

an exceptional and sustainable playing experience while preserving the natural beauty of the course. As the renovation continues, the positive impact of EcoBunker is anticipated to further elevate the overall quality of the golfing facilities.

Discover the Game-Changing "Holy Grail" of Bunker Construction at The Els Club Desaru Coast, Malaysia!



Picture a bunker that offers your members and guests consistent playing surfaces, puts an end to washouts and contamination, slashes maintenance costs, and elevates the visual appeal of your golf course. Look no further, as we present the ultimate solution – the power trio of CapillaryFlow, EcoBunker, and Loksand. The recent installation at The Els Club Desaru Coast has brought this winning combination to life, revolutionizing bunker construction. Aptly dubbed "The Holy Grail," this game-changing approach has caught the attention of golf course enthusiasts worldwide.

The Loksand Root Zone System has brought a groundbreaking advancement in grass and sand stabilisation, offering landscape architects a stable, free-draining grass surface with

remarkable strength for heavily trafficked areas. Its versatility makes it ideal for applications like grass-covered car parks, access roads, and public areas, providing a durable and wear-resistant solution.

EcoBunker Advanced stands out as the strongest and most efficient method for constructing stacked sod walls using synthetic grass tiles. On the other hand, Capillary Bunkers ensure top-quality playing conditions with their consistent sand moisture, made possible by the proprietary Capillary Material, which enables rapid drainage while retaining adequate moisture for optimal bunker performance.

A special shoutout to Sean Kinsley and his exceptional team for their unwavering effort and support throughout the preparation and installation process. Get ready to take your bunkers to new heights and redefine the golfing experience at your course!

Revolutionizing Irrigation Management: Warren Golf & Country Club Empowered by Rain Bird's Irrigation System

At Centaur, we prioritize providing top-notch customer training sessions to equip our staff with the knowledge and skills needed to maintain our Rain Bird irrigation system at the highest standards. Our training program covers essential aspects such as rotors, in-field troubleshooting, central control, and GSP support, laying a strong foundation for both new and existing staff members to excel in irrigation system management. Rain Bird has long been recognized as a leader in the industry, and with the introduction of the new CirrusPro, Mobile-First Irrigation Control System, we take irrigation management to the next level.



The CirrusPro system empowers our team to go with the flow while maintaining complete control over the irrigation process. Its mobile-first approach allows for secure and real-time adjustments to the irrigation system from any location, whether it's in the office, on the golf course, or even at home, using any device. By choosing the CirrusPro system, we go beyond the limitations of other irrigation management systems, embracing a fluid and dynamic approach to irrigation that optimizes water usage and enhances the overall health of our golf course.



Rain Bird's commitment to the Intelligent Use of Water aligns perfectly with our values, reflecting our dedication to protecting and efficiently utilizing our world's most precious resource for sustainable and environmentally responsible golf course management.

ECHO Robotics Introduces Cutting-Edge Robotic Mowers and Golf Ball Collectors in Asia!

We are delighted to express our gratitude for the excellent support provided by Axel Demuyne and Nicolas Clause of ECHO Robotics during the installation of our first robotic ECHO mowers in Hong Kong. Their expertise and dedication were evident throughout the entire installation process, and we were impressed with the level of knowledge and assistance they provided. The training sessions they conducted were outstanding, and our team gained valuable insights and skills that will undoubtedly contribute to the successful operation and maintenance of the robotic mowers.



ECHO Robotics is truly at the forefront of innovative technology, offering a range of cutting-edge solutions for golf course and lawn maintenance. Their golf ball-collecting robots and various types of robot lawnmowers provide unmatched efficiency and convenience. The TurfMower series, in particular, offers the ability to mow lawns at any time, even in the absence of human supervision. With customizable mowing schedules, the robot takes care of the rest, ensuring a perfectly manicured lawn. The mulching function further adds value by turning cut grass into natural fertilizers, eliminating the need for manual fertilization. By incorporating RTK GPS technology, the mowing becomes even more precise and systematic, achieving accuracy within centimetres.



Additionally, ECHO Robotics offers the Range Picker, a specialized robot that works in harmony with the lawn mowers to efficiently pick up golf balls, ensuring an autonomous and effective maintenance routine for your grounds.

Centaur Asia Pacific's Danny Potter Inspired at SGL Showcase Sydney 2023, Paving the Way for LED Technology in Sports Field Management!



Danny Potter, Centaur Asia Pacific's owner, attended the SGL Showcase Sydney 2023, a two-day LED Technology conference in Sydney, highlighting the company's commitment to technological advancements in turf and sports field management. Held at Allianz Stadium, the event allowed industry leaders to explore the latest innovations in LED technology for sports field illumination and energy efficiency. On the second day, Danny enjoyed a guided tour of the Sydney Cricket Ground led by Head Curator Adam Lewis, gaining valuable insights into turf management practices.

Damian Hough, Head Curator of Adelaide Oval, delivered an insightful presentation on sports field maintenance. The conference provided networking opportunities and enhanced knowledge for industry professionals in LED technology and sports turf management.

SGL systems offer advanced LED technology for precise control of light intensity and colour, providing customizable lighting solutions for different sports and venues. The energy-efficient LED lights contribute to sustainability efforts and reduce operational costs. They ensure consistent lighting quality, minimizing glare and shadows for a safer playing and viewing experience. With a longer lifespan and durability, LED lights result in reduced maintenance costs. SGL's smart control and automation features allow for remote management and scheduling of lighting operations, maximizing efficiency. The company's dedication to research and innovation ensures state-of-the-art lighting solutions that enhance sports facilities' playability, aesthetics, and sustainability.



Campey Turf Care Expands Horizons: Exploring Hong Kong's Golf Courses and Sports Venues in Pursuit of Turf Excellence

In May 2023, Campey Turf Care made a significant visit to various golf courses and sports venues in Hong Kong, represented by Nick Brown and David Stonier. The company, founded in 1986 by Richard Campey, has been a pioneering force in the turf care industry. Recognizing an unmet market need, Richard identified the growing demand for specialized and high-quality equipment tailored to modern sports turf surfaces. This realization prompted the establishment of Campey Turf Care, dedicated to providing Turf Managers with purpose-built tools to meet the ever-increasing demands on sports fields and golf course surfaces.

During their visit to Hong Kong, Nick Brown and David Stonier aimed to engage with Turf Managers and venue operators, showcasing Campey Turf Care's innovative equipment solutions designed to enhance turf maintenance and playability. The company's commitment to delivering cutting-edge technology has earned them a prominent position in the industry, empowering Turf Managers to achieve optimal performance and aesthetics on their sports surfaces. With a legacy of excellence and a vision for continuous innovation, Campey Turf Care remains at the forefront of supporting sports facilities with top-tier turf care equipment.





Centaur Asia Pacific Hosts Successful Industry Field Day, Unveils Cutting-Edge Turf Technology

Centaur Asia Pacific, Australia hosted an industry field day at the Pacific Golf Club, providing a platform for industry players to explore the latest technology and products. The event garnered an impressive turnout, and we extend our gratitude to all who attended. During the field day, various installations were demonstrated, showcasing the featured products of the day, including CapillaryFlow's Capillary Bunker, EcoBunker, Loksand, and Hydrowick.

Improperly installed bunkers can be a Superintendent's worst nightmare. However, with the combination of Capillary Bunker, EcoBunker, and Loksand, aptly named the "Holy Grail," time and money are saved, and maintenance becomes significantly easier.

Surface moisture and ponding water present common challenges for golf courses, athletic fields, and lawns. The unique capabilities of Hydrowick offer an effective and efficient drainage solution, all at a low cost and with a minimally invasive installation process. By utilizing Hydrowick, you can maximize playtime and minimize downtime, as it swiftly addresses surface drainage issues, preventing costly repairs and future maintenance. Furthermore, Hydrowick tackles excess water that conventional pipe systems cannot access, leading to quicker recovery time and an overall improvement in turf quality. This versatile, long-term solution proves effective in a wide range of areas, providing enhanced surface quality for various sports facilities and lawns.

INFINICUT



SM ROTARY MOWER

The INFINICUT® SM34 Rotary Mower is designed to elevate professional rotary mower performance to a new level. Simple to manoeuvre and with a design emphasis on cut quality and consistency, the INFINICUT® SM34 Rotary is not only environmentally friendly but is very much built fit for purpose with the user in mind.



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