

COMPETITION POOLS

TECHNOLOGIES & SOLUTION





THE FASTEST

WAY

MYRTHA TECHNOLOGY

TO BUILD A SWIMMING POOL

Myrtha is the most exclusive and advanced technology in the swimming pool industry. Its patented pre-engineered modular pool system, featuring laminated stainless steel panels and a buttress system, enables a Myrtha structure to attain perfect waterproofing, as well as strength and sturdiness.

Myrtha technology provides the ideal solution to the many limitations of traditional reinforced concrete structures and ordinary prefabricated swimming pools.

For swimming pool refurbishment and renovation of existing pools, the special **RenovAction technology** has been developed basing on Myrtha Pools' exclusive modular system.



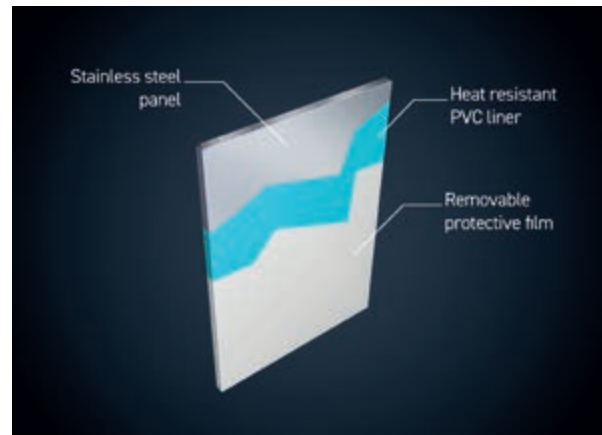
SMART

USE OF MATERIALS



STAINLESS STEEL STRUCTURE

Myrtha employs high quality stainless steel for all of the pool's components. This ensures maximum mechanical strength to the structure. Also, the use of exclusively engineered components mechanically fastened eliminates the need for welding, avoiding the risk of increased corrosion. An extremely long life of the structure is therefore guaranteed, regardless of the presence of highly aggressive soils or high-water tables.



WATERPROOFING

Perfect waterproofing is ensured by the unique process of bonding PVC to the Myrtha steel panels. A hard PVC membrane is hot-laminated to the steel in the manufacturing process. A reinforced PVC membrane is used on the floor of the pool in order to follow the contours of the concrete sub-surface.



FINISHES

For high-level aesthetic finishes, Myrtha technology uses a wide range of exclusive materials that match the colors of the PVC. Myrtha allows for the use of special stone and marble materials to ensure a more elegantly finished pool project. This combination of materials and colors allow the client to personalize each and every swimming pool according to their specific needs.

KEY COMPONENTS



BASE FRAME

A base frame constructed of bolted steel sections forms the supporting structure for the Myrtha wall panels. It is mechanically connected to a thin concrete slab by the use of chemical anchors. Numerous threaded bars anchored in the perimeter curb are designed to provide rigidity to the structure, as well as millimetric adjustment so that perfect levelling of the structure is achieved.



**WALL
STRUCTURE**

The pool walls are formed using sturdy stainless steel panels, bolted both together and to the base frame. The inside face of the panels is laminated with a permanently welded layer of hard PVC, and the backside is covered with a clear coat laminate. Steel welding is avoided, therefore eliminating any potential corrosion points.



**SUPPORT
BUTTRESSES**

A vertical reinforcement along each joint and sturdy steel buttress provide rigidity and strength to the structure. Each buttress is anchored to the concrete footing. The structure is both sturdy and elastic and is therefore ideal for installations with difficult ground conditions (i.e. seismic zones, unstable soils, etc.).



**OVERFLOW
GUTTER**

Made of the same material as the wall panels, the Myrtha overflow gutter comes in different standard configurations, and boasts a special design, that limits the evaporation of chemicals and reduces the noise of the falling water. The patented Myrtha gutter grating meets the strictest anti-slip and load requirements. The gutter dropouts can be supplied with silencers to virtually eliminate any noise.



FLOOR

The concrete slab basement of the pool is waterproofed using a reinforced PVC membrane specifically designed for swimming pools and protected with a surface lacquering. A special matting, called SoftWalk, has been developed by Myrtha Pools to attain a smooth support surface for the membrane, at the same time allowing for perfect subsurface drainage.



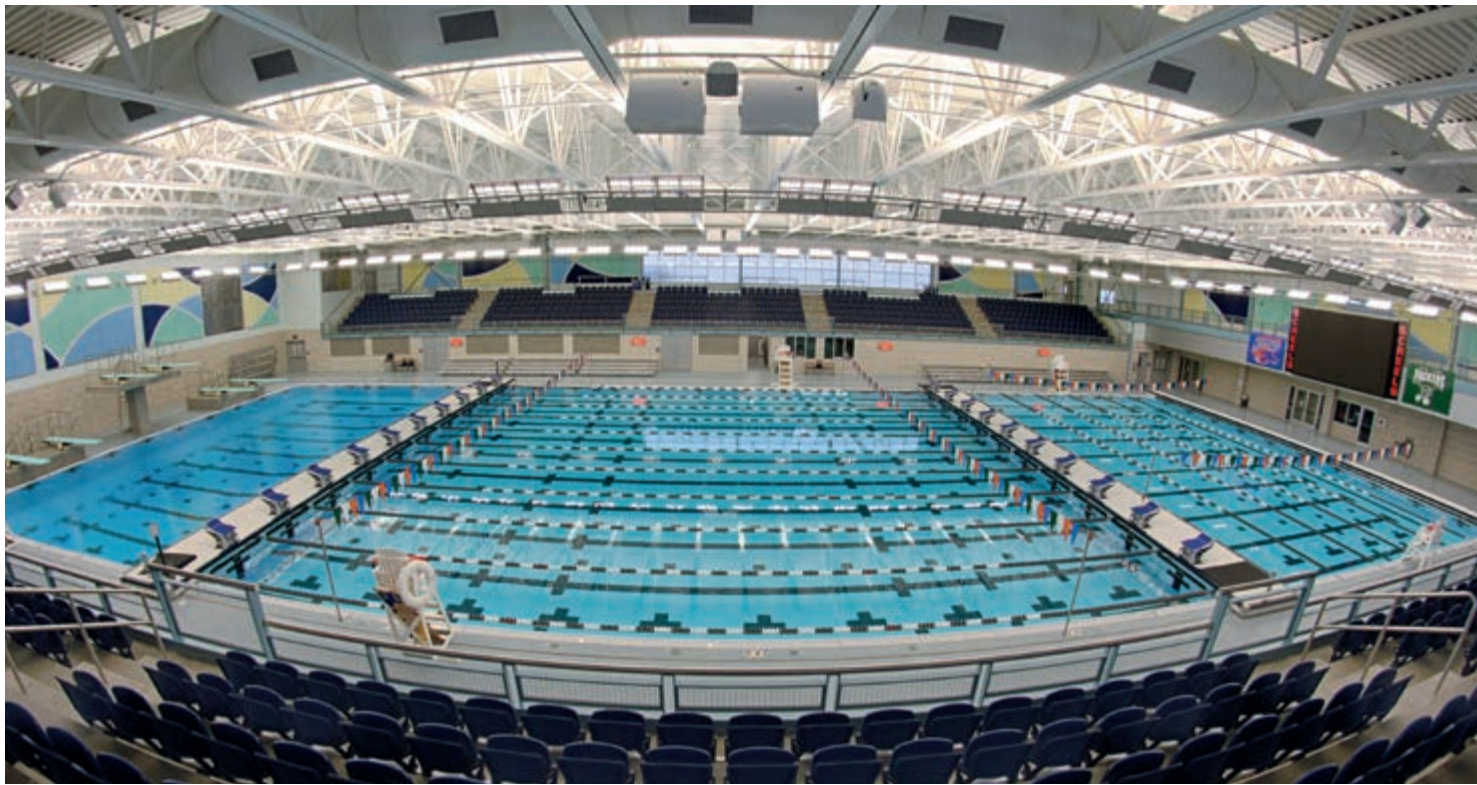
FITTINGS

To allow for better waterproofing, all joints between the Myrtha panels are sealed with liquid PVC or reinforced PVC tape. The resulting joint is water resistant and optically uniform to the panel surface, leaving an elegant wall finish.



FINISHING

After the pool has been completely sealed and the overflow gutter installed, ceramic tiles are applied to the Myrtha surface. Gluing tiles on a Myrtha stainless steel surface is much easier and safer than on concrete, as there is no risk of water seepage from behind the tiles. This eliminates poor long-term adhesion problems.

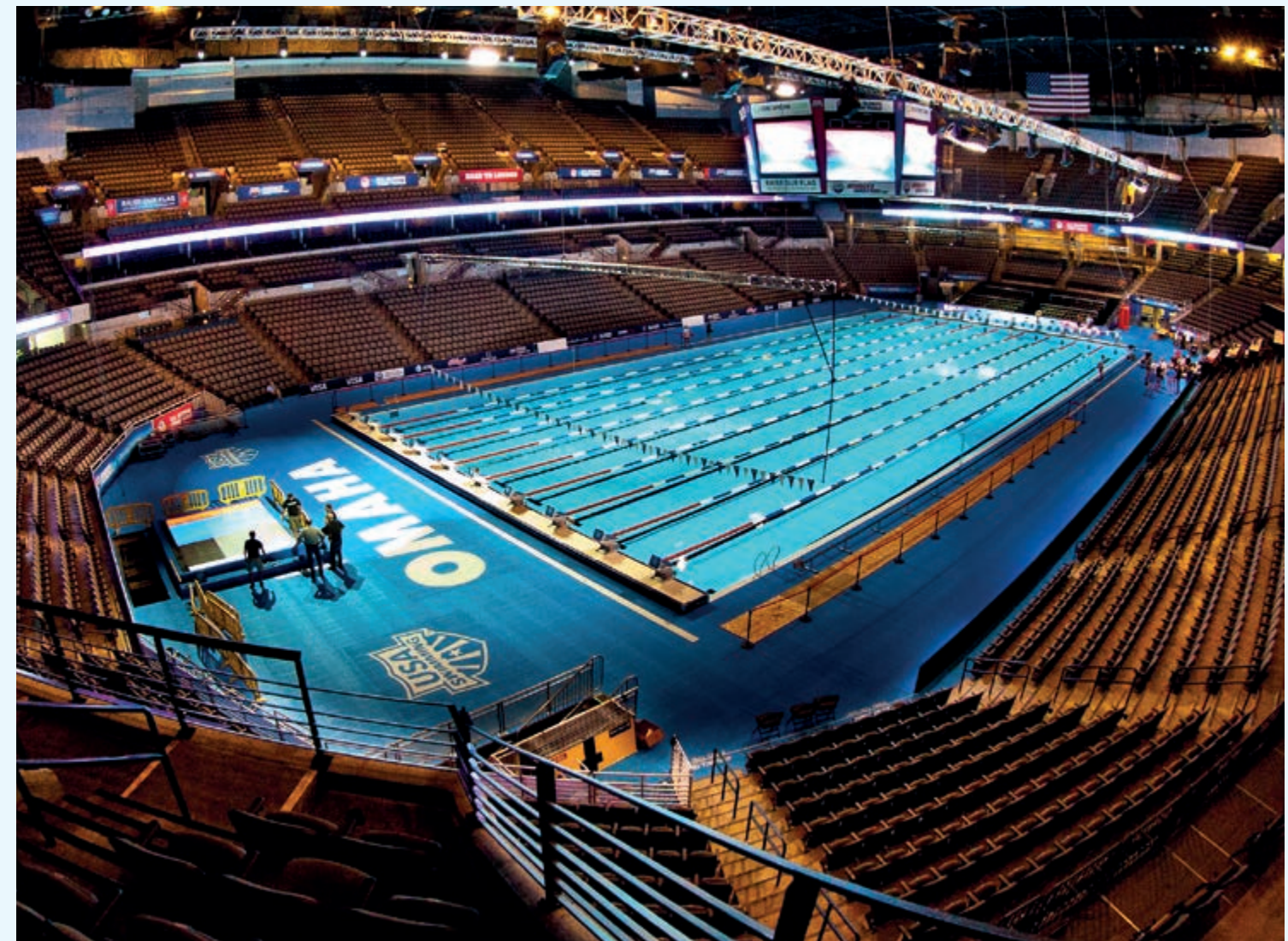


OLYMPIC POOLS

Myrtha Pools has perfected its exclusive technologies thanks to special customized solutions for the installation of hundreds of world class aquatics facilities worldwide. The choice of Myrtha Pools as Official Partner of many Swimming Federations throughout the world has been based on the great experience that the Company has demonstrated, and on the unique characteristics of the Myrtha Pools technology. The Myrtha stainless steel modular system guarantees a precise and fast pool installation as well as an extreme construction precision. This aspect, particularly, is very important for all the aquatics governing bodies, that put great attention to the dimensional tolerances of the facilities for every discipline: swimming, water-polo, artistic swimming, diving, and high-diving. Myrtha Pools installed facilities for almost all of the FINA World Championships, the LEN European Championships, and for Olympic Games (Atlanta 1996, Beijing 2008, London 2012, Rio 2016). Myrtha Pools has also been the pool of choice for the USA Olympic Trials, USA Swimming, as well as regional games.

TEMPORARY POOLS FOR SPECIAL EVENTS

In recent times, with world level competitions requiring seating for crowds in excess of 10,000, the installation of a permanent pool is not always possible, especially indoors. The Myrtha technology has been specifically designed to meet the need for such "special events". Myrtha allows to obtain a pool with perfect dimensions and features suitable for competitions, but also enables the installation of swimming pools inside stadiums or sports arenas without anchoring the pool to the floor. This system avoids interventions or damages on the stadium floor, offering to the world of swimming the opportunity to transform competitions into unforgettable events. After the event's conclusion, in many cases, the temporary Myrtha pools are disassembled and later re-installed permanently elsewhere.



SPORT AND FITNESS POOLS

Myrtha builds dynamic facilities that allow for lap swimming, competition and aerobics for all levels of physical fitness and recreation. The streamlined look and high design standard of a Myrtha pool compliments the prestigious property value of quality health clubs. Myrtha technology combines quality aesthetics with unparalleled structural performance and patented technology for the most exacting pools and accessories in the world. A Myrtha pool does not require the same expensive maintenance needed by traditional pools, which ensures that fewer resources will be required for capital expenditures that any health club and its patrons will benefit from for years to come.

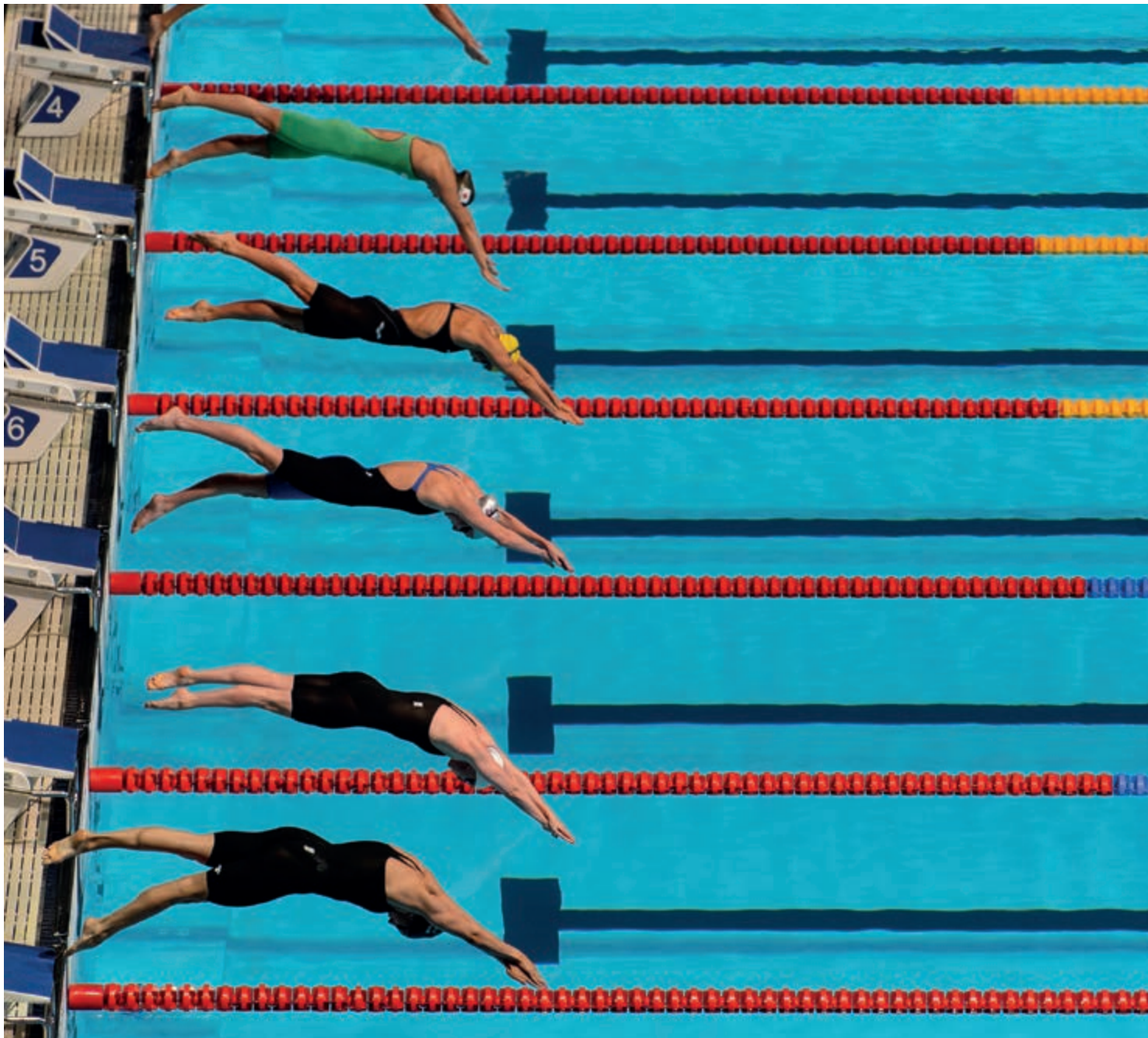


REHABILITATION AND SPORT POOLS

The Myrtha technology is perfectly suitable also for medical and surgical facilities specializing in orthopedics and sports medicine. Thanks to its perfectly self-supporting structure, a Myrtha pool can be constructed completely above ground, even in pre-existing rooms, which might be narrow and not easily accessible.

This solution is ideal for medical staff as it allows them to more comfortably monitor the activities both through the deck and through special windows which can be installed in the pool walls. Myrtha has also developed a wide range of accessories which are invaluable for therapy, such as floor partitions, ergonomic wall handrails, movable floors for progressive therapies, hydromassages with adjustable flow and direction, benches, wheelchair ramps, disability transfer lifts and underwater windows.





OLYMPIC POOLS

SYSTEMS AND ACCESSORIES

BULKHEAD

The movable bulkhead allows simultaneous activities to take place inside separate areas of the same swimming pool. Built out of stainless steel, the structure can be drawn across the width of the pool by means of two rails, located externally on the flooring surface. The bulkhead developed by Myrtha Pools has the advantage of an extreme accuracy and regularity of movement along the pool. Once secured in fixed positions, the bulkhead can also mark competition fields, in perfect accordance with FINA regulations.



MOVABLE FLOOR

The movable floor allows the usable depth of the pool to be varied so that different activities may be practiced inside: swimming competitions and training, artistic swimming performances, disabled rehabilitation, aqua-gym, baby swim and all other actions that require different levels of water depth.

Different types of movable floor can be used, depending on the pool project. Myrtha can provide different solutions, that will allow the perfect integration of each system inside the pool.



REMOVABLE HEADWALLS

FINA regulations require competition pools with overflow on all four sides to have headwalls 30 cm higher than the water level, at the start and turning ends of the pool. Myrtha Pools have developed special removable headwalls, which allow the water overflow on all four sides, providing at the same time an ideal support for the timing electronic touch pads, starting blocks and floating lane line anchors.



AIR SAFETY CUSHION

The safety air cushion system has been developed for reducing the diver's impact when entering the pool, and it has been installed worldwide in Olympic and high-level competition facilities. The system produces a uniform mixture of water and air – a sort of air cushion – within the pool that allows the diver to practice the most difficult of dives without risk of injuries.



VIRTUAL TRAINER

The Virtual Trainer is an innovative patented system used to pace the swimmers' training activity. The system controls pre-programmed waterproofed LED strips, installed on the floor, that run along the entire length of the pool. The athlete's point of reference is the constant light flow that can be easily followed. This provides the swimmer with immediate feedback as to whether he is on pace with the program, or he needs to adjust the training accordingly.



WATER POLO VISUAL SYSTEM

This FINA approved system was designed by Myrtha Pools and represents nowadays one of the most relevant technological innovations for the water polo discipline. The system makes use of LED markings placed in specific areas of water polo field of play, both inside and outside the pool, and allows athletes, referees, judges and spectators to more easily follow the progress of the match.



TRACK START STARTING BLOCKS

Myrtha Track Start is a new-generation starting block designed by Myrtha Pools. The new starting block was specifically developed to facilitate the swimmer's take-off and optimize competitive performance. Myrtha Track-Start blocks are approved by FINA and normally used in all international competitions including Olympics and FINA World Championships, as they are compatible with all major timing systems.



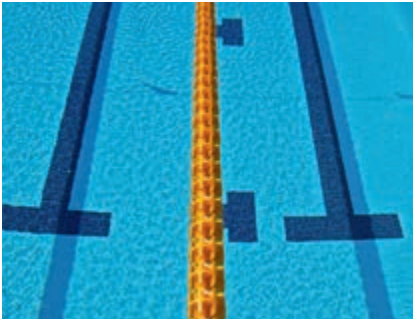
MYRTHA BACKSTROKE SYSTEM

The new footrest system is designed and patented by Myrtha Pools to facilitate the backstroke swimmers' start during competitions. The footrest provides the athlete with a stable support on the wall and allows him a faster and safer start, without any slipping risk. At the same time it could also facilitate performance and timing improvement.



OTHER MYRTHA FEATURES

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WHY CHOOSE MYRTHA?

COMPANY EXPERIENCE AND KNOWLEDGE

Myrtha Pools' experience is proven by the installation of 1500 pools per year. With 300 pools installed annually for public use and more than 50 installations for international swimming events, Myrtha has references in over 70 countries worldwide.

Myrtha Pools boasts an advanced technical department that allows for direct transmission of the manufacturing drawings to production of the pool components; a Research & Development team that continually strives to improve on the Company's industry leading technology; installation personnel trained at the Company's Pool Academy; and one Company is responsible for the complete pool package.



MILLIMETRIC PRECISION

Precision and accuracy of construction are at the highest level when utilizing the Myrtha technology. A comprehensive design developed with 3D design software allows for a highly detailed review of the finished pool structure and better control of the overall material completeness. The three-dimensional design software aids in the customized manufacturing process and automatically generates a complete, error-free material list. Myrtha pools millimetric precision exceeds FINA regulations and competition facility rules.



ADVANCED ENGINEERED DESIGN AND QUALITY CONTROL

A Myrtha pool can be built in a very short amount of time due to the pre-engineered design. The components are manufactured in Italy, at the Company's headquarter, by automated machines and shipped directly to the building site.

This facilitates a timely installation process that does not require the use of heavy equipment and significantly reduces the risk of assembly mistakes on the construction site.



**INSTALLATION TIMING
FLEXIBILITY**

The installation timing of a Myrtha pool is extremely flexible, as the entire pool structure can be installed at whatever point in the schedule of the construction phase. This is best for the project and for the project management team and allows the general contractor and the rest of the construction team to execute their other scope of work in the most convenient and safest environment.



**EXPEDITED CONSTRUCTION
SCHEDULE**

Myrtha technology has proven countless times that the construction timeline for the swimming pool portion is reduced in comparison to the conventional construction methods of concrete/plaster/tile pools. On average, the Myrtha technology reduces the construction timeline required for a 50m pool by 8 weeks and a 25m pool by 6 weeks. This saving of time can be directly realized by the client as a cost saving.



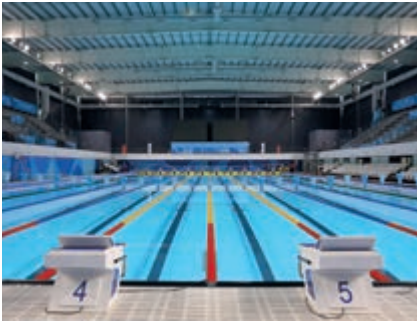
**LOW MAINTENANCE, EASY TO
CLEAN AND CARE FOR**

Unlike traditional constructions, Myrtha pools do not require a significant maintenance schedule. Sturdy, built to last, and not subject to dimensional variations, a Myrtha structure is not susceptible to cracking, or structural deterioration and is not affected by the aggressive action of chlorinated pool water. Thanks to the durable PVC finish to the interior, there is no reaction chemical due to alkaline releases, as it often happens in concrete pools.



WATERPROOFING CONFIDENCE

Myrtha allows for a 100% waterproof installation. The PVC sealing method assures that every panel joint is completely tight and waterproof. Design teams can then accent the pool structure with a variety of material finishes, as these do not act as the waterproofing agent as in traditional construction.



**LONG LIFE AND EXTENSIVE
GUARANTEE**

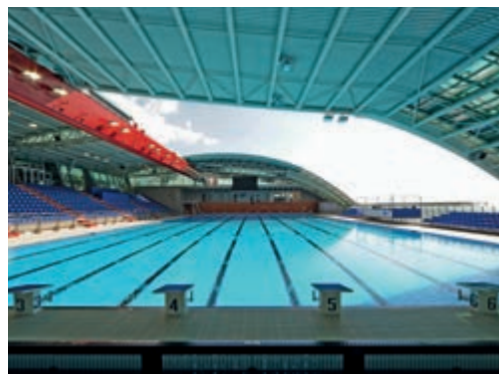
Swimming pools built using Myrtha Technology have virtually an unlimited lifespan due to the inherent structural integrity and the proven characteristics of the material employed. The advanced technological features of the modular system allow Myrtha to confidently provide a 25 year warranty on the Myrtha structural components versus the typical 1 year warranty of the components of a concrete plaster tiled pool.



**SUITABLE FOR THE MOST
DIFFICULT SITUATIONS**

Thanks to the advantages of a light, sturdy and easily-adaptable structure, it is possible to build Myrtha pools in the most difficult of environments including above ground in high rise buildings; in small inaccessible spaces; on soils with low load bearing capacity or in areas with high water tables; in seismic zones and in the widest range of climatic and geological conditions.





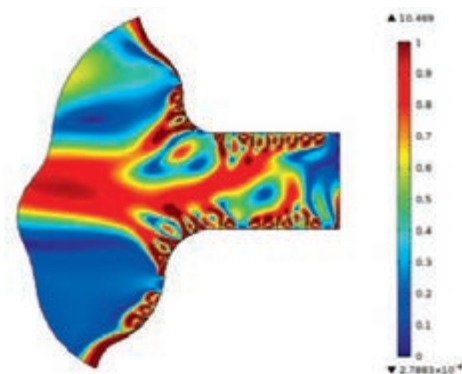
ENVIRONMENT FRIENDLY

With most governments recommending the reduction of CO₂ emissions, Myrtha Pools commissioned the Australian ACOR Consultants to calculate the energy used in building a Myrtha pool. The carbon footprint of a Myrtha is 50% significantly lower by compared to a traditional pool made with concrete and tiles. This means that the energy saving of a Myrtha pool is enough to provide heat for a 100 sqm house for at least 45 years.



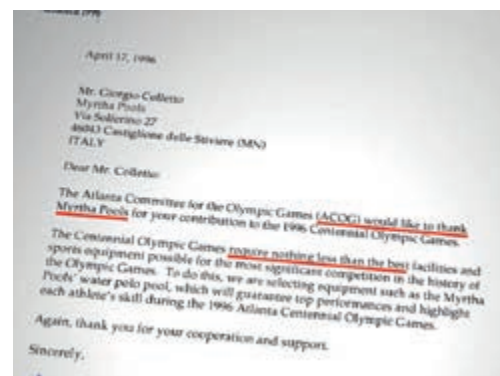
PARTNERSHIPS WITH ARCHITECTS AND WATER CONSULTANTS

Being a global Company, Myrtha Pools has been teaming and interacting for almost 60 years with the world's top aquatic architects and water consultants, sharing the best practices and solutions for the most demanding technical and aesthetic expectations.



RESEARCH & DEVELOPMENT. HYDRAULIC CALCULATIONS

Myrtha Pools is the industry leader in the application 2D and 3D Computational Fluid Dynamic (CFD) simulations in order to perform the exact calculations required to simulate the interaction of liquids in a swimming pool. With the use of special software, Myrtha CFD technology is able to simulate a pool's circulation before its construction, providing reliable 3D simulations and digital tests. The analysis of the inlet system allows for precise calculation of the gutter dropouts and the complete overflow system.



SATISFIED CUSTOMERS

Myrtha Pools can boast many satisfied customers including the Organizing Committees for the major sporting events in which the Myrtha technology has been used.



CASE HISTORIES

OLYMPIC

POOLS



SOUTH AUSTRALIAN CENTER, MARION (AUSTRALIA)



LINN MAR AQUATIC CENTER, MARION (IOWA)

Myrtha designed an indoor pool as well featuring both longitudinal and lane lines and a movable wall to divide the pool in two separate area so to perform different activities at the same time. The pool is provided with three sides of recessed step, to easily allow rest during training, and diving platforms in the deepest zone with a depth of 3.8 meters.



WINDSOR INTERNATIONAL AQUATIC AND TRAINING CENTRE, WINDSOR (CANADA)

The center was built with the aim to host international swimming competitions as well as aquatic and training activities, also for families. The WIATC features a 71 m competition pool, with two movable bulkheads and a movable floor, that allow up to 9 different pool configurations to meet every competition and community need. The pool also includes a 5.2 m depth diving area. Within the recreation area of the center, Myrtha also installed a wave pool, a river, a splash-pad, and an activity pool.



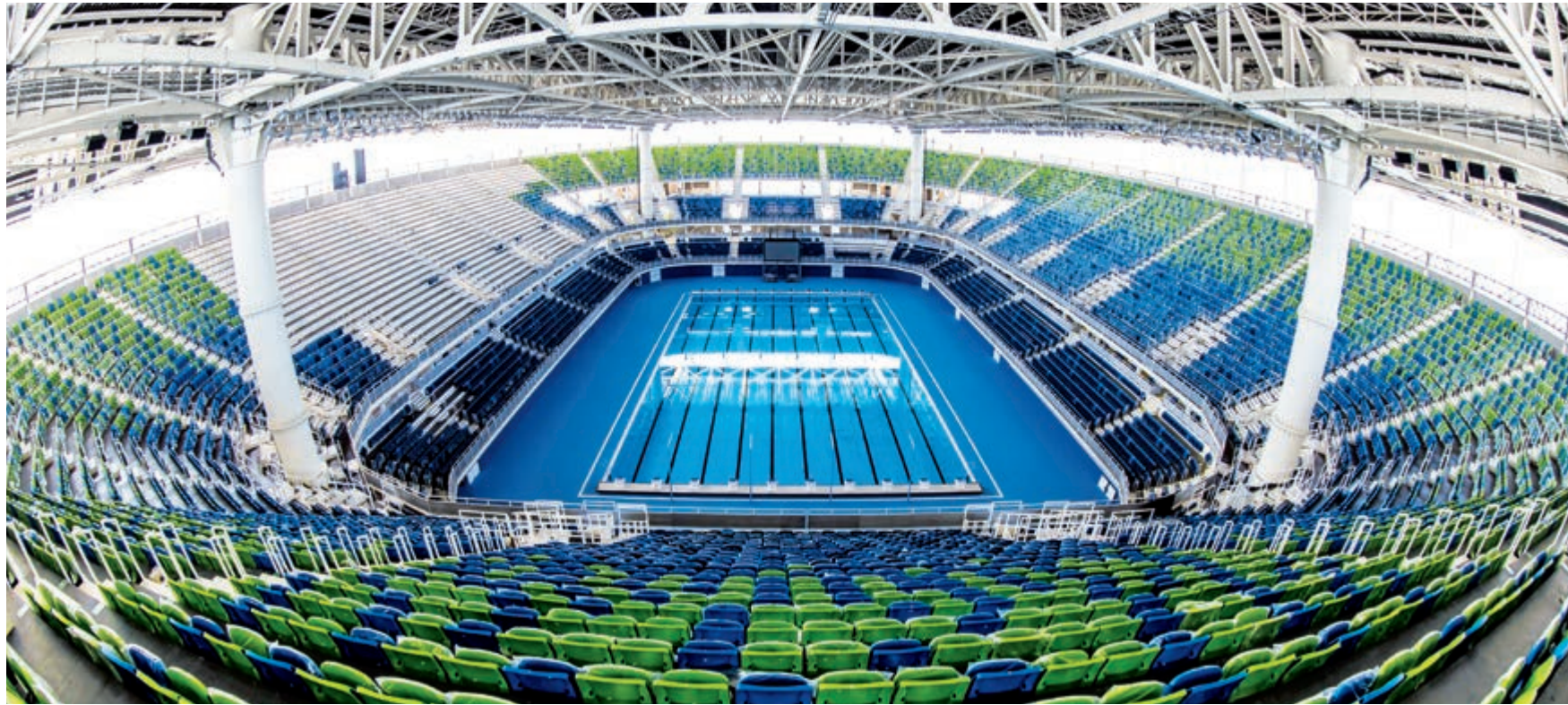
BUENOS AIRES YOUTH OLYMPIC GAMES 2018. VILLA SOLDATI NATATORIUM, BUENOS AIRES

The venue that hosted swimming and diving sessions for the event includes two aboveground permanent pools: a 50 m swimming pool and a diving pool built with Myrtha technology. The competition pool is fitted with a full-set of accessories: removable headwalls, movable bulkhead, Myrtha Track Start starting blocks, Myrtha Backstroke systems and a Waterpolo Visual System. The diving pool is equipped with a Bubble Machine, Myrtha's unique system developed to reduce the impact to the diver.



PÔLE SPORTIF INSEP SUD, PARIS (FRANCE)

Myrtha Pools installed two pools: a 50x25 m competition pool and a 12.5x13 m diving pool. This one is equipped with an Air Safety Cushion for diving: Myrtha's unique system designed to reduce the divers' impact with the water when they enter the pool.



CASE HISTORIES

TEMPORARY POOLS

XXXI OLYMPIC GAMES, RIO DE JANEIRO (BRASIL), 2016



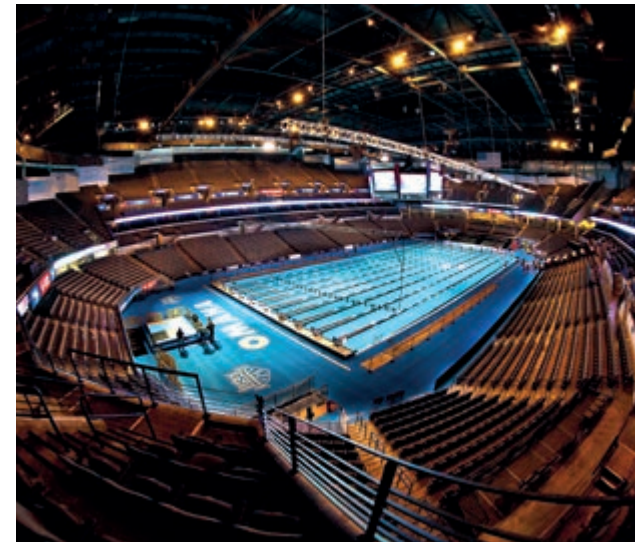
**2ND FINA WORLD CHAMPIONSHIPS (25 m)
RIO DE JANEIRO (BRASIL), 1995**

Myrtha Pools installed two 25 m temporary pools, a competition and a warm-up pool, on the famous Copacabana beach.



**XIII FINA WORLD CHAMPIONSHIPS
ROME (ITALY), 2009**

The event was held on the tennis courts of the Foro Italico using two temporary pools supplied by Myrtha Pools: one for the water polo competitions and the other for artistic swimming and swimming sessions.



**U.S. OLYMPIC TRIALS
OMAHA (USA), 2012**

The state-of-the-art CenturyLink Center in Omaha turns into a world-class swimming arena. After the conclusion of the trials, both 50 m pools were removed from the center and moved to their new permanent homes.



**XV FINA WORLD CHAMPIONSHIPS
BARCELONA (SPAIN), 2013**

For Barcelona 2013, two 50 m Myrtha pools have been built in less than one month. The main competition pool, for artistic swimming and swimming competitions, was installed inside the famous Palau Sant Jordi multi-purpose arena, while the warm-up pool was built in the parking area of the facility.

CASE HISTORIES

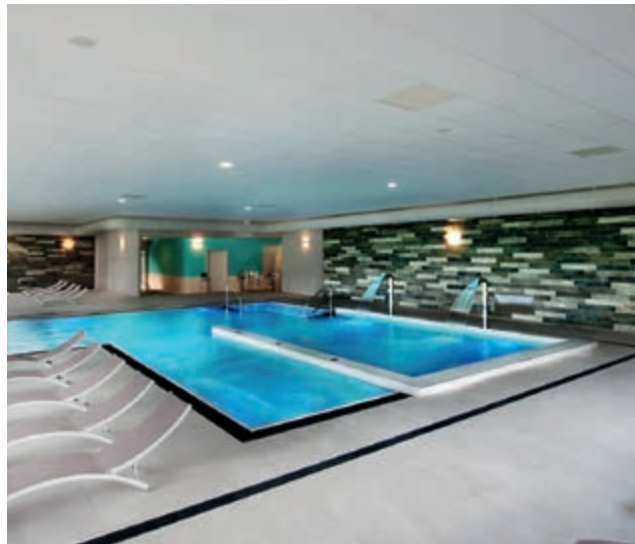
SPORT

AND FITNESS

POOLS



LA ALHÓNDIGA, BILBAO (SPAIN)



**LAMBRONE SPORTS CENTER,
ERBA (ITALY)**

All of the water surfaces within this famous leisure center on the Lake Como, six pools in total, have been built by Myrtha Pools. The pools are dedicated to various activities: a lap pool, a training pool, a relaxation pool, a baby pool, a pool with salt water and a leisure pool.



**OMIYAMAE GYMNASIUM,
TOKYO (JAPAN)**

Myrtha Pools installed inside this facility a multipurpose 25 m pool including both a lap section for training practice and a wide free-form leisure area, featuring a zero entry section and a free-form disabled ramp.



**VIRGIN ACTIVE FITNESS CLUB EMPIRE TOWER,
BANGKOK (THAILAND)**

Virgin Active Fitness has chosen Myrtha for its two pools to be built at the 7th floor of the Empire Tower in Bangkok: lap pool provided with the Virtual Trainer system, and a spa pool. Both pools feature black and white project solutions and Bisazza's black mosaic tile finishes.



**KIRKBY LEISURE CENTER,
KIRKBY (UK)**

Set in the middle of the town, the Leisure Center includes a 25 m competition pool and a 13 m learn to swim pool, both constructed using Myrtha technology.



CASE HISTORIES

REHABILITATION AND SPORT POOLS

MANCHESTER CITY FOOTBALL CLUB REHABILITATION POOLS, MANCHESTER (UK)



MILAN FOOTBALL CLUB PHYSIOTHERAPY CENTER, MILAN (ITALY)

All three pools in this Center, which hosts Milan FC athletes, are equipped with various accessories for different therapies including benches, beds and sitting height variable structures made with stainless steel, corridors for hydrotherapy, heaters and water cooling equipment.



ACIBADEM FULYA SPORTS MEDICINE CENTER, ISTANBUL (TURKEY)

The Acibadem Fulya Sports Medicine Center consists of internationally renowned medical and surgical facilities specializing in orthopedics and sports medicine. The facility features a new Myrtha physiotherapy pool, which is fully equipped with accessories for rehabilitation.



STEFANI FOUNDATION, VICENZA (ITALY)

The foundation, being one of the most important for disabled persons, has chosen Myrtha technology for the two pools in its Physiotherapy Center.



CTO - ORTHOPEDIC TRAUMA CENTER, FLORENCE (ITALY)

The Orthopedic Trauma Center of Florence (CTO) is one of the first hospitals specialized in rehabilitation built in Italy during World War II. In recent years it has been put through a renovation project, which included the installation of two Myrtha physiotherapy pools.



THE SMARTEST

WAY

RENOVATION

FOR POOL REFURBISHMENT

RenovAction is Myrtha Pools' patented and exclusive technology specifically developed for swimming pool refurbishment and renovation of existing pools.

The process is based on Myrtha technology's pre-engineered modular system, which incorporates the use of precision-engineered PVC laminated stainless steel panels and a buttress system.

RenovAction solves all of the problems that often arise in concrete, gunite, or shotcrete pools that have been in operation for extended periods of time.

WHY RENOVATE?



MINIMUM INTERVENTION, ZERO DEMOLITIONS

Many existing pools fail to meet today's health code regulations and therefore require modifications necessary to bring them into compliance.



QUICKNESS AND FIXED COSTS

In order to meet new design and engineering criteria, refurbishment is the perfect solution. Older pools can be modernized with numerous additional leisure components including: free-form sections, lazy rivers, water play equipment and hydro-massage areas.



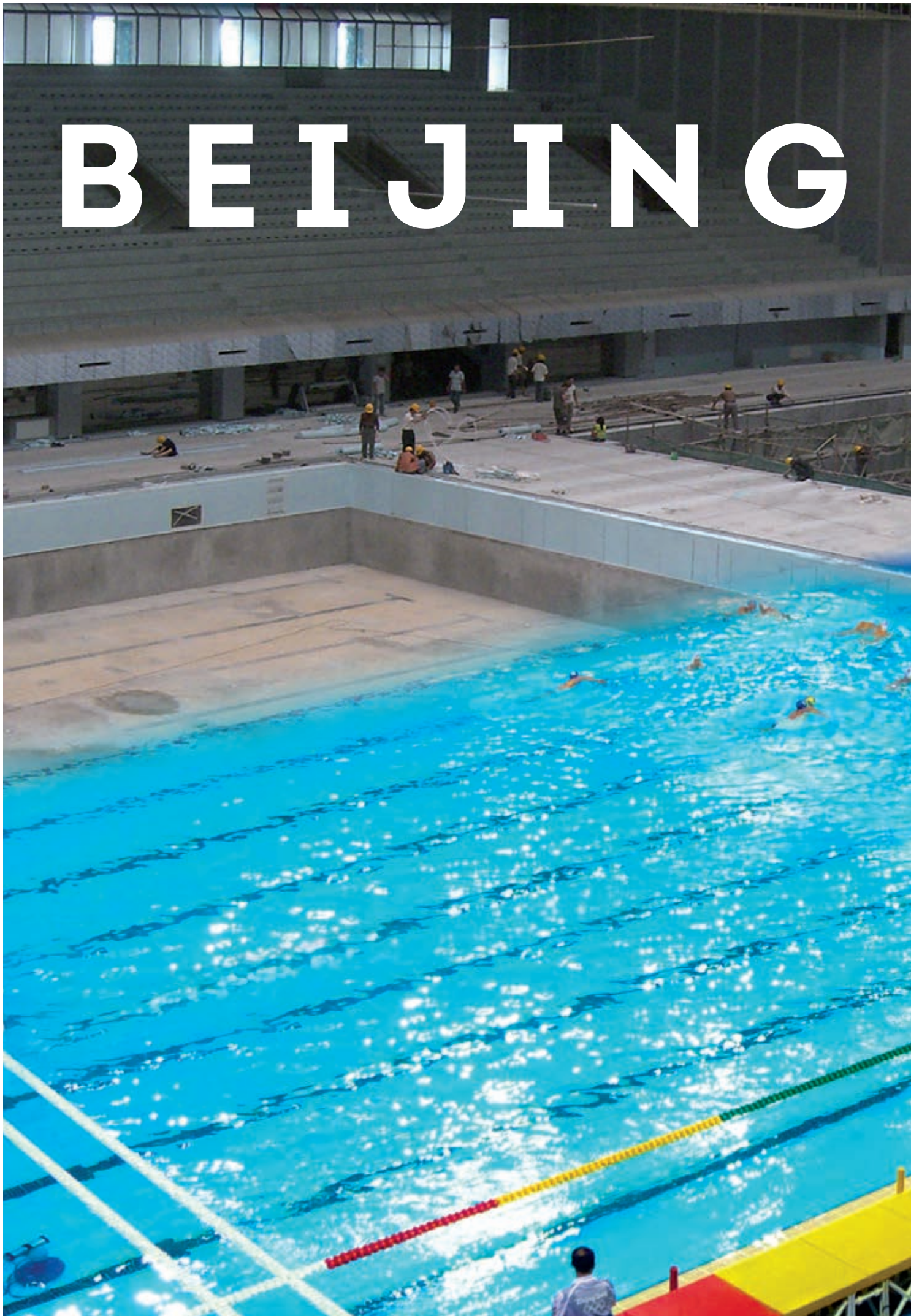
LONG LIFE, EXTENSIVE GUARANTEE

Outdated filtration equipment and older recirculation technology need to be restructured from a skimmer system to overflow gutter technology.



LOW MAINTENANCE, EASY TO CARE FOR

Traditional reinforced concrete, gunite and shotcrete pools will eventually develop structural problems that require significant maintenance and repairs resulting in a substantial investment of both time and resources.



CASE HISTORY

2008

OLYMPIC

GAMES

RENOVATION

OF THE YINGTUNG

NATATORIUM

FOR THE BEIJING OLYMPICS

The natatorium revealed signs of aging due to its continuous use since being built nearly 20 years prior. Cracking and leakage had become a severe issue making the facilities far short of competition standards.

Completely replacing the pool would have been both costly and time-consuming. The renovation of the pool with RenovAction involved minimal impact to the existing structure with a marked saving in time and resources. Only a few short months after commencement of work, the pool was officially inaugurated in September 2007 and was ready to host the water-polo and modern pentathlon competitions for 2008 Olympic Games.



PHASE 1



PHASE 2



PHASE 3

CASE HISTORY PERTH

CHALLENGE STADIUM AQUATIC CENTER

The Center has hosted outstanding international events and has world-class swimming facilities, which include an outdoor water-polo pool built by Myrtha Pools for the 8th FINA World Championships, in 1998. In 2007 the Center's management selected RenovAction for the refurbishment of two 50 m outdoor pools. As proven from the results of a comparative study performed on the pools, it was determined that the maintenance of a concrete pool is more complex and onerous as compared to that of a Myrtha pool. The Myrtha pool, built in 1996, had not undergone any substantial maintenance until 2003. Alternatively, the indoor concrete tiled 50 m pools, after only 9 years of operation, have since required the total replacement of the ceramic tiles along with major water-proofing repairs. The renovation of the pools started in September 2007 and each pool took only few weeks to finish.



PHASE 1



PHASE 2



PHASE 3

CHALLENGE STADIUM AQUATIC CENTER, PERTH (AUSTRALIA)



PHASE 1



PHASE 2



PHASE 3



BIRRONG SWIM CENTER, SYDNEY (AUSTRALIA)

CASE HISTORY SYDNEY BIRRONG SWIM CENTER

The 50 m outdoor reinforced concrete tiled pool of the Center was completely renovated in 2007 using RenovAction technology. For many years the pool had been unusable due to its deteriorated condition and required major refurbishment. A combination of RenovAction and Myrtha technology was selected for the complete refurbishment of the failed concrete pool. The width of the pool was reduced, which would provide area for the installation of a special needs, barrier free access ramp. Additionally, this solution provided for an ease of installation for wall inlets circulation system and lighting systems. The pool is a ceramic competition headwalls on the short sides. The completed pool also accommodates 5 sets of recessed steps, barrier free access ramp and mosaic marking lines on the floor.



LE KREMLIN - BICÊTRE CENTRE NAUTIQUE (FRANCE)

CASE HISTORY

FRANCE

LE KREMLIN - BICÊTRE CENTRE NAUTIQUE

Built in the mid sixties, after more than 30 years of activity the Center's facilities and the pools were damaged and obsolete. The introduction of new standards, health requirements and safety regulations made the refurbishment of the sport facility necessary. The renovation of the pool began a few months before the Center reopened in November 2008. The pool, refurbished with RenovAction, is a 50x20 m with variable depth, from 0.80 m up to 4.20 m in the diving area. It is equipped with a movable bulkhead anchored to the wall and the "aileron mobile" (movable aileron) that divides the pool into "modules" allowing for multiple activities to take place in the pool.

CASE HISTORY

SOUTH KOREA

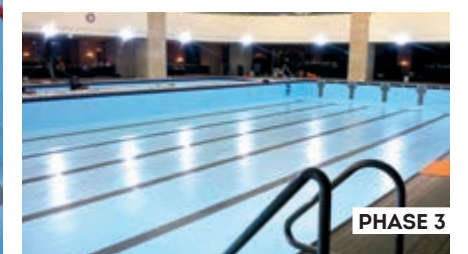
SEOUL

JW MARRIOTT HOTEL

The two reinforced concrete tiled swimming pools were damaged and required major refurbishment. Pools were slightly leaking due to cracks in the original tiles and the columns adjacent to the pool had not been properly waterproofed. Both pools have been refurbished using RenovAction technology.

The main 24 m pool accommodates 4 recessed steps and is provided with SoftWalk mat on the pool floor, mosaic lane marking and floating lane lines.

The 20 m children pool has been refurbished following the original pool design: the pool's floor has a double level depth, created by a large underwater stair that separates the children's area from the leisure area. SoftWalk mat has been used for the floor and steps, and wall hydromassage inlets have been placed in the leisure area.



JW MARRIOTT HOTEL, SOUTH KOREA (SEOUL)

CASE HISTORY

SARONNO

ITALY

SARONNO MUNICIPAL AQUATIC CENTER

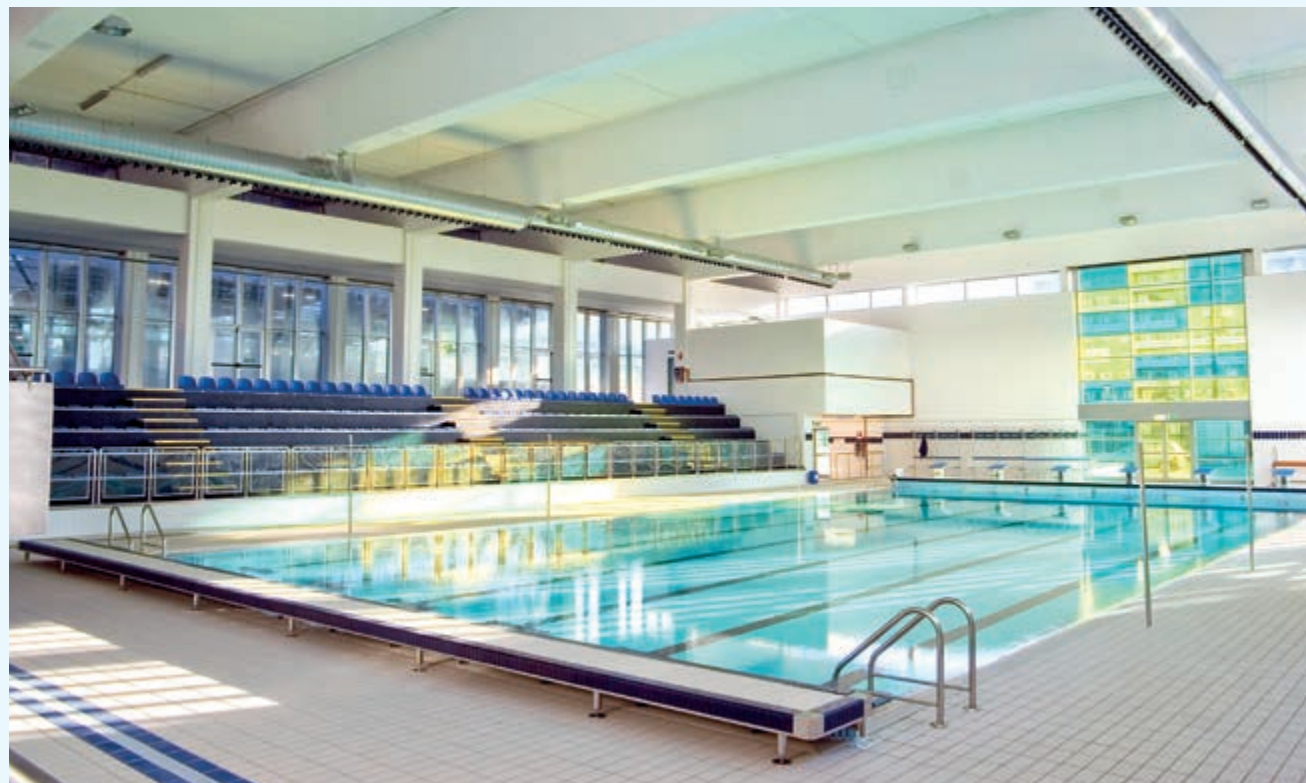
The 25 m indoor pool in Saronno (Northern Italy) was renovated by Myrtha Pools in just 3 months from the time of the project's approval. The pool, as well as the entire venue, has been completely refurbished with the ultimate goal of creating a comfortable and functional structure, with environmentally friendly and energy saving solutions. Construction on the existing pool began first with the leveling of the floor. The existing pool depth was 4 m but actually was varying from 1.30 to 1.80 m. The number of lanes was increased from 6 to 8. And finally, the pool was equipped with a blind cover integrated into the structure. This allows for reduction of heat dispersion and water evaporation while also protecting the environment from the damage caused by humidity.



SARONNO MUNICIPAL AQUATIC CENTER, SARONNO (ITALY)



TRECATE COMMUNITY POOL, TURIN (ITALY)



CASE HISTORY

TURIN

ITALY

TRECATE COMMUNITY POOL

This project was developed with the goal of creating diversified large aquatic areas, that would provide for both competitive and recreational swimming activities (outdoor and indoor). Myrtha Pools has refurbished two pools within the center:

- a 50x21 m Olympic outdoor pool which was later equipped with a new fixed cover allowing the pool to be used during the winter months to host competitions at an international level. The pool has also been equipped with removable headwalls and starting blocks.
- a 25 m indoor pool equipped with removable headwalls and starting blocks.

In addition to the RenovAction, two new Myrtha pools were installed, one multipurpose indoor 19x8.50 m and a new 30x26 m outdoor recreational pool.

**ITALIAN
EXCELLENCE
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