



# MYRTHA POOLS. DESIGN, ENGINEERING AND TECHNOLOGY

EXPLORING A SUSTAINABLE SOLUTION FOR PUBLIC POOLS, LEISURE AND WELLNESS

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**Photo** Enric Duch

**The Turó de la Peira sports complex in Barcelona, Spain designed by architects Anna Noguera and Javier Fernández of Arquitectura Anna Noguera is a stunning, near zero-energy sports facility - thanks to a perfect balance of energy-conscious passive design and new technology. Myrtha Pools has provided the pool system.**

The reduced water consumption of a Myrtha pool and its long lifecycle have convinced architect Anna Noguera:

„Thanks to the Myrtha system we have achieved speed of execution, precision and minimal waste during construction. The fact that the Myrtha structure reduces CO<sub>2</sub> emissions and can be reused in the future is in perfect harmony with the philosophy of the Turó de la Peira project.“

### Leaving the competition in Myrtha's wake

Myrtha Pools believes in sport values and takes innovation in pool sustainability, design, and longevity to new levels of excellence.

### Unbeatable technology

As world leaders in pool technology, Myrtha's proprietary system is comprised of modular, hot-rolled stainless-steel panels, each with a layer of PVC waterproofing. Strong and resilient, the swimming pools meet the highest standards set by national and international swimming federations. The efficiency and precision brought to every project has made Myrtha the official partner of FINA since 2009. While the company designs pools for the highest levels of

training and competition, like the Olympics, it is equally proud of creating spaces where children can learn the value of sport and healthy living in Myrtha pools around the world.

### Sustainability focused

Ever environmentally conscious, each Myrtha project works to reduce the impact the facilities make on the planet. Ensuring durable, waterproof, functional pools is critical, but turning each and every one into a near zero-energy, sustainability masterclass is their goal. Thanks to the company's technology and light-weight materials, the construction of a Myrtha pool reduces CO<sub>2</sub> emissions by up to 50 % when compared with a typical concrete pool, and by up to 30 % when compared with welded steel pools. The reduced water consumption of a Myrtha pool and its long lifecycle make it the Number 1 choice for LEED builders and architects concerned with sustainable design.

When it comes to sustainable, innovative aquatics, Myrtha rules the pool.