

Club Natació Rubí: now, swimming has become efficient too

Microflex[®], flexible pre-insulated piping for customised solutions

Case Study





AIM

To optimise the management and energy efficiency of the old heating system..

• WHO

Founded in 1971, Club Natació Rubí is the city's most important sports club with over 6,000 members and 200 federated athletes.

• WHAT

Upgrade the building's old heating, plumbing and cold water system.

• HOW

Microflex® UNO and DUO flexibles pre-insulated piping system

• WHERE

Rubí (Catalonia, Spain)

• WHEN

2023

The Club Natació Rubí was founded in 1971 and immediately achieved great success with the public.

With more than 6,000 members and 200 athletes registered with a federation, the Club is still the most important sports club in Rubí today.

Over the years, CN Rubí has established itself mainly in three disciplines (swimming, water polo and triathlon) and has contributed high-calibre athletes to international events and competitions with such as the London 2012 Olympic Games, the Rio 2016 Olympic Games, the European Water Polo Championships in 2018 and the Under20 World Swimming Championships in Funchal (Portugal) in 2018.

The Club Natació Rubí is a non-profit public benefit organisation. All earnings are reinvested in the improvement of facilities, the services offered and the promotion of sport in the city.

Last January 2023, the company Instal.lacions i Muntatges Lara, S.L.U. was asked to upgrade the building's old heating, plumbing and cold water system to optimise its management and energy efficiency. The firm thus implemented a project based on the Microflex® UNO and DUO flexible pre-insulated piping system for central heating and cooling, and for the transport of water in the plumbing and drainage systems.

Microflex® UNO and DUO, in particular, are pre-insulated flexible pipes with a single inner tube made of PEX-a SDR11 and anti-oxygen barrier (DIN 4726) for fluids with a temperature from -10°C to 95°C and pressures up to 6 bar. The multilayer thermal insulation is made of CFC-free expanded PEX cross-linked polyethylene with a closed-cell structure, while the outer casing is double-wall and made of PE-HD high-density polyethylene.



Microflex® flexibles pre-insulated pipe system



Club Natació Rubí

The Installer's experience

"In the Microflex flexible piping system" – states the installer of Instal.lacions i Muntatges Lara, S.L.U. – "the insulation with which the pipes are lined is excellent and ensures liquids are transported safely and reliably without any heat loss. This has optimised the performance and energy efficiency of the heating and air-conditioning system at Club Natació Rubí, with a result that the athletes will continue to benefit from over time".

He continues "The extreme flexibility of the product, which ensures easy installation and reduced costs, is certainly the feature that convinced us to rely on Watts right from the start. In addition, the collaboration with Watts' technicians and the delivery times certainly made it easier to realise the project".

“Perfect insulation and transport of liquids safely and reliably without any heat loss”





About us

Watts is an American multinational and one of the world's biggest manufacturers of plumbing and heating products and components. Established in 1874, the business is based in North Andover (USA) and listed on the New York Stock Exchange. It has one administrative site, two production facilities and two research centres in Italy. Thanks to its know-how, reliability, professional ethics and attention to health, safety and the environment, Watts contributes to technological research in the sector with a constant focus on energy saving, safety and quality of life.

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