



Waterco Case Study

The Corniche (London, UK)

Filtration solutions for commercial pool and health spa

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*says Ryan Fronda,
Aqua Platinum Projects managing director*

- WATERCO'S COMMERCIAL POOL AND SPA FILTRATION SOLUTIONS
- HIGH-PERFORMANCE MICRON FILTERS AND HYDROSTAR PUMPS
- PROVIDING RELIABLE PRODUCTS TO HIGH-END POOL DESIGNER



The Corniche offers London's finest collection of lifestyle facilities, the largest urban initiative of its kind in Europe.

Setting: Luxury pool and spa in new mixed-use London development

Luxuriously appointed and located in the London borough of Lambeth, The Corniche provides residents with panoramic views over the city’s sprawling skyline. The three mixed-use towers are part of the regeneration of Nine Elms, a 195-hectare development between Lambeth and Chelsea bridges comprising of 16,000 new homes – the largest urban initiative of its kind in Europe.

Designed by internationally acclaimed architectural practice Foster & Partners, The Corniche includes extensive residents’ facilities such as an indoor heated swimming pool and vitality spa built by Aqua Platinum Projects, sauna and steam room.

Fully tiled with glass mosaics, the 15m x 4m lap pool holds 83m³ of water volume while the separate vitality spa, which measures 5.5m x 3.5m, holds 22m³ of water. The latter features numerous spa jets, stainless steel massage beds, a water volcano and a dedicated air station.

Challenge: Maintaining sparkling pool and spa water for residents

A well-maintained, properly operating pool filtration and re-circulation system is the first barrier in combating contaminants large enough to be filtered. This is especially important with high bather loads in buildings housing large numbers of residents such as The Corniche.

Being a prestigious development located on the Thames, the pool and spa’s filtration equipment had to be of the highest quality and durable enough to withstand constant use and contact with chemicals. With residents paying a premium to live



The Corniche residents have the access to luxury amenities such as infinity pool, sauna and steam room, vitality pool with Jacuzzi jets.

in luxury, and the reputation of Aqua Platinum Projects on the line, it was critical that the system was reliable and durable.

Solution: Waterco’s high-performance pool and spa filtration equipment

Knowing that the globally renowned water filtration specialists at Waterco had been manufacturing and supplying equipment for over 30 years – all over the world and in

many different applications – meant that the team at Aqua Platinum Projects had full confidence in both the supply, quality of the product, and after-sales service.

“The heart of any swimming pool is the filtration and we insist on the best as that is what our clients expect,” says Aqua Platinum Projects managing director, Ryan Fronda. “That’s why we only use Waterco filtration and pumps.”



Manufactured from the highest grade of non-corrosive materials and employing the latest in fibreglass winding technology, Micron filters are designed and built for many years of trouble-free operation.

Working in conjunction with their preferred distributor, Paramount Products, Ryan's team installed the following Waterco equipment in The Corniche:

Swimming pool:

- 2 x SMDD1050 Micron Commercial Fibreglass sand filters
- 2 x 5HP Hydrostar high-performance pumps

Vitality spa:

- 2 x SMDD1050 Micron Commercial Fibreglass sand filters
- 2 x 6HP Hydrostar high-performance pumps

Manufactured from the highest grade of non-corrosive materials and employing the latest in fibreglass winding technology, Micron filters are designed and built for many years of trouble-free operation.



Waterco's high-performance Hydrostar pool and spa pumps are purpose-built for commercial swimming pools, aquatic facilities and water parks.

Special features of Waterco's Micron Commercial Fibreglass Filter:

- Fish Bone lateral configuration eliminates "dead legs" by improving water flow distribution through the filter bed
- Available in side mount and horizontal configurations from filter areas of 0.87m² to 10.0m²
- Pressure-rated at 250 kPa (36 psi), 400 kPa (58 psi), 600 kPa (87psi), 800kPa (116 psi) and up to 1000kpa (145 psi)
- Optional sight glasses and lateral man holes
- Optional fibreglass reinforced vinyl ester for improved chemical resistance
- NSF50, AS1210, AS4020 vessels available
- Multiple flange options available

Waterco's high-performance Hydrostar pool and spa pumps are purpose-built for commercial swimming pools, aquatic facilities and water parks.

Special features of Waterco's Hydrostar pump:

- Glass reinforced thermoplastic possesses superior mechanical

and chemical resistance compared to steel

- Pump body does not rust or corrode and is able to withstand damage from many types of water treatment chemicals
- Weighs less than its steel counterparts without any sacrifice in strength and durability, making it easier to ship to the job site and install
- Features a clear polycarbonate lid that provides easy inspection of the strainer basket

Conclusion: Providing residents with sparkling pool and spa water

There is nothing more satisfying than

starting the day with a revitalising swim or coming home from work to a soothing spa treatment – and thanks to Waterco, residents of The Corniche can enjoy both year-round.

"When we were asked to be involved in such a fantastic project, we were more than delighted," says Waterco Europe CEO, Tony Fisher. "Appreciating how the pool and spa were such an important part of the development and having the opportunity to work with the talented team at Aqua Platinum Projects again, was a rewarding experience. The final product is breathtaking."

www.aquaplatinumprojects.co.uk
www.waterco.com
www.paramountpools.co.uk



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