

CASE STUDY

ANKERSKOGEN SVØMMEHAL OLYMPIC CENTRE

Project:	New Olympic Swimming Centre
Pool/s type:	6 Pools: 50m, 25m, two therapy pools, spa pool & waterslide pool
Bather load:	3,000 a day
Operating temp:	34°C therapy pools
Turnover:	1,350m³/hr (5,950 GPM)

Ceramiflo was selected as the filtration system for the construction of a six-pool Olympic Swimming Centre - the largest public leisure center in Norway - completed in 2013.

The primary reason for choosing Ceramiflo (manufactured by Provitall of Denmark) was the low consumption of water and energy compared to traditional solutions. The fully automated backwash uses 80% less water than traditional backwashing, and does not require a backwash holding tank.

In addition, a Ceramiflo filter occupies 30% of the footprint of traditional sand filters, providing a significant saving on construction costs, and maximising revenue generating floor space.

The Ceramiflo system installed had 44 ceramic membranes in total, providing a capacity in excess of 1,300 cubic meters of water per hour. Serving six pools, including 50 and 25 meter Olympic pools and two therapy pools. The modular system provides operational flexibility, whilst the option to remotely monitor online saves on operation and maintenance staffing costs.

“We believe this project demonstrates a willingness in the industry to move toward the more environmentally friendly solutions - The Provitall system will save a lot of water, energy and chemicals and more importantly the water quality is better and due to the reduced need for chlorine the environment for the users and staff is better. Using less water is also an important environmental argument which is very important for us.” Jonny Mörch, CEO, ENWA ABC Tech



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Ceramiflo 
NEXT GENERATION POOL FILTRATION