



## IN THE FAST LANE

### THE NEW THURMFELD COMPETITION POOL IN ESSEN

**Client** Essener Versorgungs- und Verkehrsgesellschaft mbH  
**Operator** Sport- und Bäderbetriebe Essen  
**Architect** GSF Planungsgesellschaft für Sport- und Freizeitbauten mbH  
**General contractor** Pellikaan Bau  
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The new Thurmfeld competition pool in Essen was officially opened by Lord Mayor Thomas Kufen in January this year. Pools specialist Pellikaan Bau was responsible for the detailed design and benefited from the outstanding cooperation between the client and operator. The pool was completed in only 14 months for construction – and at a fixed all-inclusive price. Pellikaan was able to hand the pool over as agreed within the given cost frame and on time. Swimming enthusiasts were able to use the pool a month before the official opening, so Essen's residents as well as schools and clubs had already paid their first visits to this modern pool.

The new school, competition and club pool in Essen has a competition-standard swimming pool with eight 25-metre lanes, a diving tower, adjustable floor, digital timing and a stand for 530 spectators, 240 of them seated. The 167 cubic metre multifunctional swimming instruction pool is also equipped with an adjustable floor. The multifunctional ancillary rooms can be used for catering at sports or other events or as sports and course rooms. The competition thus meets the high standards expected of a modern school, competition and club pool with all the requisites for top-level competition.

User orientation is aided by contemporary, distinctive and functional architecture with open room zones. Thanks to the glazing between the foyer and pool hall, users in the entrance area can glimpse the excitement awaiting them.

The facility provides showers and toilets and a separate changing area for people with disability. Access to the indoor pool is disabled-friendly throughout. So that the spectator stand can be accessed as well, a lifting platform is available. Disabled parking spaces are provided outside.

In the facility's development, functionality and profitability played a large part as well as energy efficiency and design. The building is supplied with energy by a gas condensing boiler and a combined heat and power unit. The swimming pool installations are also particularly energy-efficient. The water quality is served by a UV system and electrolysis. This system needs less energy and fewer chemicals than traditional installations.

A 360° view of the facility can be seen with the Pellikaan VR App ([www.pellikaan.com/vrapp](http://www.pellikaan.com/vrapp)).

