

Press-Release

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An der Schwemm receives a makeover

Bettembourg. Just ten years after the opening of the swimming baths, the first pools were leaking and the water damage in the building was unstoppable. A case for the swimming pool construction experts at STEULER-KCH, who performed the total renovation of the baths "An der Schwemm" in Bettembourg, Luxembourg. Within just a few months, they developed an attractive pool landscape that's sure to remain watertight.

The Luxembourg swimming baths had been in operation for just ten years when it started displaying signs of massive water damage and the pools began losing water. The "Centre de Natation An der Schwemm", which operates the baths, had to take decisive action in order to prevent long-term financial ruin and resume operation as soon as possible. The Westerwald-based swimming pool builders, STEULER-KCH, who not only have a wealth of experience in new construction but in renovating run-down pools, managed to impress them during the tendering process. Even the professionals at Steuler had seldom seen baths in such desperate need of renovation after such a short period in operation. The condition of the pools suggested that the wrong waterproofing system and supplier had been chosen for the original construction.

The commissioned renovation works were comprehensive, involving a total surface area of around 1,300 m² that needed to be waterproofed, tiled and completed within a tight deadline, requiring close coordination with the other subcontractors at all times. Consultation, engineering, water systems design and on-site installation services were all provided by STEULER-KCH. A project manager and up to eight of our own installation technicians were on site to ensure that the project ran smoothly.

Joachim P. Ostrowski, Director of the Swimming Pool Construction Division at STEULER-KCH, is no fan of off-the-shelf solutions that allow no scope to incorporate the client's ideas. "We don't see swimming pool construction as a series of discrete services or merely installing materials. What our clients really value about us is that we combine materials, engineering and installation into a highly effective complete package. Providing good ideas and advice on every aspect of the project are part and parcel of our service. Our specialists have accumulated a wealth of experience in a diverse array of projects over the years, and bring it and their technical expertise into every new assignment. From exclusive private pools, upmarket thermal baths and technically sophisticated sports pools to 5-star spa resorts – our customers' requirements are as diverse as the pool landscapes around the world on which we've worked." The operator of the "An der Schwemm" swimming baths benefited from the creative complete solutions offered by the Westerwald-based swimming pool builders too. One of STEULER-KCH's primary tasks was to come up with a completely new concept for the design of a parent-friendly children's area. Another key aspect of the assignment was the redesign of the poolside areas. The integrated line drainage system devised by STEULER-KCH made it possible to lay large-format tiles, giving the baths a modern new look. The smaller number of joints also makes cleaning the new flooring easier. Besides the drainage channels, the newly designed poolside area also features 20 m of heated benches. STEULER-KCH was also responsible for this special feature. Everything from the initial design concept to the planning and execution was the product of the swimming pool expert's creative minds.

Besides the three pools, numerous shower areas had to be redesigned, waterproofed and tiled too. Renovation work began in November 2015 with the removal of the old fixtures and waterproofing systems and the swimming pools being dismantled back to the poured concrete shell. The 25 m-long sport pool, 100 m² non-swimmer pool and 20 m² children's pool all received a completely new lining. An existing slide with plunge pool was integrated as well as new pool attractions and an LED lighting concept.

To be absolutely sure that all the pools would remain watertight in the long run, the pool operator decided for the STEULER-Q⁷-System that has proven its worth in top quality swimming baths around the world for years.

From the preparation of the substrate to the finished surface, the STEULER-Q⁷-System is characterised by a precisely matched sequence of layers and coordinated work steps that allow leaks and other of types of damage no chance to develop. Crack-bridging properties and uniform thickness make the 7-layer system one of the most reliable solutions there is for both renovations and new constructions. Leak testing can be reliably performed without having to fill the pool with water, something that saves time and above all, money.

Thanks to its flexibility and predictable installation, the STEULER-Q⁷-System is especially well suited for comprehensive renovations where components need to be integrated into existing installations in order to restore the bath's contemporary appeal.

The pool experts designed and constructed special PVC drainage lines for the poolside areas. The gutters were made to measure in advance and connected to the pools during construction.

In addition to renovating the entire pool hall, the shower facilities were lined using the STEULER-Q⁷-System and tiled with modern tiles too.

But it takes more than the best waterproofing and reliably protecting against leaks in the long term to make baths attractive, though. The guests expect something special when they visit a baths, which is why the swimming pool builder's work didn't stop with reliable waterproofing. The final phase of the project involved laying modern, anti-slip tiles in the pools, poolside areas and shower facilities and rounding off the overall impression with an appealing colour scheme.

STEULER-KCH is a leading full-service supplier of Industrial Linings/ Equipment and pool construction. With a team of experienced industry professionals, the global player is known for innovative developments, proven application technology, detailed consultancy, planning and engineering services.

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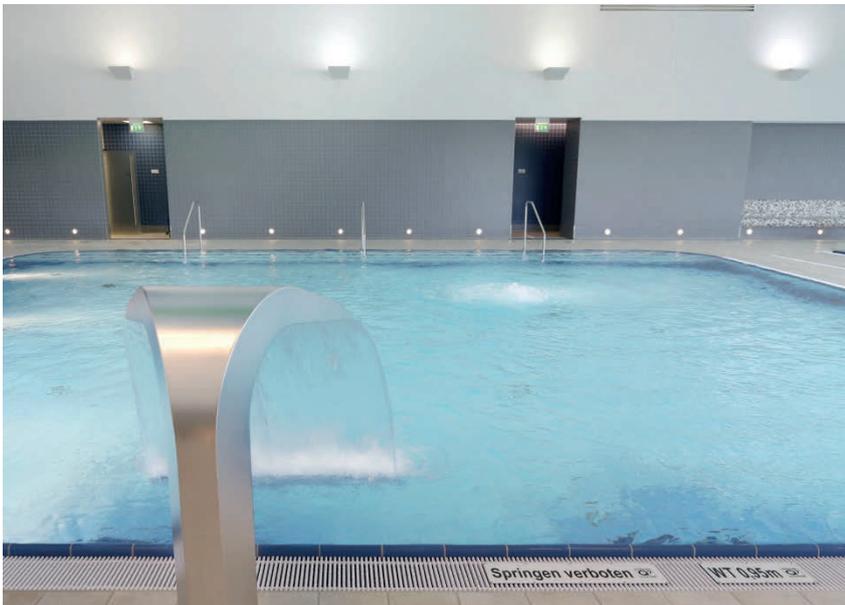
Caption:

Open and light, the new public bath „An der Schwemm“ reopened.



Caption:

Completely new conception for the children area realized. Quickly after taking these pictures the sprinkler were launched.



Caption:

Flushfall and sputterer inviting to come into the non-swimmer basin. Modern and dramatic light-design shines in the basins, on the ceiling and loop way around the pools.



Caption:

Heated heat benches inviting to rest. Integrated de-watering channels and large-sized tiles relieve cleaning the loop ways.



Caption:

Modern Showers in nice colors tiles with anti-slip effect and useful lowered drains of secondary rooms let them shine bright.

Caption:

Plates covering the de-watering channels informing: basins, loop ways and drains kept dense by reason of STEULER-Q⁷-System.



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