

SIKA AT WORK

ENERGISE, YORK

WATERPROOFING: Sika® Watertight Concrete System and SikaSwell® Jointing System

BUILDING TRUST



ENERGISE YORK



A new swimming pool complex, part of a £6 million redevelopment at Oaklands Leisure Centre in York, is a good example of Sika® Watertight Concrete being used to keep water in rather than the more familiar use of keeping water out! The recently opened pool, which has now been re-named Energise, will replace the nearby Edmund Wilson Pool, which at 40 years old had come to the end of its service life.

Tarmac Topmix supplied over 500 cubic metres of Sika® Watertight Concrete to Clugston Construction, forming the base and walls of the 25 metre, six lane main pool, as well as a beginner's pool and hydrotherapy pool. The Sika® Watertight Concrete system was chosen for its ease of use backed up by Sika's® technical advice, which together ensured the pool was completed and opened on schedule.

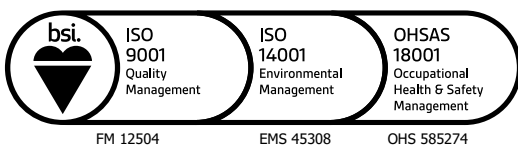
The BBA certified, warranty backed Sika® Watertight Concrete system incorporates two state-of-the-art powerful Sika® admixtures. These work firstly by reducing the water cement ratio, whilst producing a highly workable concrete to aid placement and compaction, and secondly, by blocking the remaining capillary pores. The system has a successful track record going back 50 years.

The SikaSwell® jointing system, which consists of joint sealing profiles that expand on contact with water, were used to seal the joints between the concrete slabs and walls, thus ensuring the watertightness of the structures.

Architects from Wm Saunders Partnership designed the new pool for City of York Council, who were keen to include a number of 'green' initiatives including roof solar panels to assist with heating the swimming pool water and grey water harvesting. This is where water is taken from the main pool and pumped into a holding tank from where it is used to flush toilets and to feed hose down points in the changing village.

Apart from the new swimming pool, Energise has a range of new facilities, including an extended and modernised gym, refurbished sports hall, new changing village and viewing area, and incorporates numerous energy saving features. The venue is York's largest publicly accessible leisure venue.

For further information call 0800 292 2572.



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