

PROVEN PERFORMANCE

SWIMMING POOL, AMINGTON

TOPPROOF
TOPFLOW

Product TopProof Topflow
Client SPR Construction Services
Location Amington, West Midlands
Date of completion February 2016

Tarmac's bespoke hybrid creation combined all the benefits of TopProof and Topflow self-compacting concrete.

THE CHALLENGE

SPR Construction Services are one of our flowing concrete/screed partners based in the West Midlands region. They came to Tarmac with a swimming pool project which required waterproof concrete but they also wanted the mix to have flowing characteristics as they only had a team of two on site. An easy to lay, flowing waterproofed concrete allowed Tarmac's technical team to create the Topflow and TopProof mix solution.

OUR SOLUTION

To ensure the TopProof mix design criteria was met along with flowing characteristics of Topflow, Tarmac had to use specialist, bespoke admixtures to allow the hybrid of TopProof, Topflow to be created. The flowing nature of the Topflow mix meant the labour shortage issue was eradicated. The specialist admixtures ensured critical waterproofing requirements such as a low water cement ratio was still achieved even with the high fluidity of the mix.

RESULTS AND BENEFITS

6m³ of the TopProof, Topflow hybrid was supplied to complete the swimming pool base. With just a small team of two on site the mix was pumped in and finished within an hour. A further 20m³ of Topflow was supplied for the area surrounding the swimming pool, again, to help this site achieve a high quality surface finish with limited labour on site. Tarmac's Topflow is self compacting so doesn't need vibration, allowing sites to benefit from cost saving as well as improving health and safety on site. Topflow is easy to install due to its flowing properties and can achieve high quality finishes of SR2 tolerance.

For more details contact TopProof@tarmac.com or call 0800 1 218 218

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