

PROVEN PERFORMANCE

WOODHILL PRIMARY SCHOOL, BISHOPBRIGGS

TOPFLOW
HORIZONTAL

Product Topflow Horizontal
Client Dalcon Limited
Main contractor Morgan Sindall
Sub-contractor MacKenzie Pumps
Location Bishopbriggs
Date of completion July 2016

Morgan Sindall is constructing a new primary school campus in Bishopbriggs as part of East Dunbartonshire Council's plan to update its schools estate.

THE CHALLENGE

Upon completion, the two-storey building will serve around 560 pupils and 145 pre-school children and will feature open classrooms, outdoor learning areas and landscaped play areas.

The building was to be built with steel frame construction and metal decking to the upper floors. Due to the site being in a built up area with other local schools, there were also heavy time constraints.

After a Tarmac representative visited the site, to see what support was required, the client decided that Tarmac were the obvious choice to provide the solution they required.

OUR SOLUTION

Tarmac delivered 400m³ of Topflow and 350m³ of conventional concrete over the course of one month. Highly fluid, Topflow is the ultimate self-compacting concrete. It can be poured quickly, flowing and spreading effortlessly to provide an exceptional, highly aesthetic finish. Topflow proved to be extremely time and cost effective when used with the metal decking.

Prior to supplying the concrete, Tarmac held a meeting to discuss best practice on the day and to ensure they met the 6pm deadline each day.

Tarmac also overcame the site access challenge as there were three gate closure times. They had to make sure that when the gates were closing, they had 2-3 vehicles locked in to support a continuous pour.

RESULTS AND BENEFITS

Dalcon said the product was excellent and that they were surprised at how easy it was to lay. They were also impressed with the quality of the finish.

"Fewer men on decking was fantastic not only for health & safety but also deviation on metal deck."

The client was happy as there was no noise pollution at night with no need for power floating. Dalcon are certain they would use Topflow again for future work.

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

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