

PROVEN PERFORMANCE

*PRECAST CONCRETE FACILITY
THE OPTIMUM RAPID SETTING, HIGH EARLY
STRENGTH CONCRETE*

TOPROC
RAPID

Product Toproc Rapid
Client Precast CONCRETE MANUFACTURER
Location Precast CONCRETE
Date of completion May 2009

A fluid concrete, with the benefits of rapid setting and high early strength to significantly increase turnaround and productivity.

THE CHALLENGE

A precast concrete manufacturing company, specialising in the rail market had been using the same concrete mix for nearly 20 years without any issue in terms of workability, finish and overall strength. Having built a reputation for quality and strength, the manufacturer had reservations about changing a successful formula, however they were open to suggestions. Tarmac believed that Toproc Rapid could offer this manufacturer an improved product for these market-leading rail products.

OUR SOLUTION

The client worked closely with Tarmac technical experts and initial trials were carried out. The results of the trials were analysed and it was found that Toproc Rapid had favourable results when compared to the previous mix. Toproc Rapid poured and floated in the same way with the compressive strength at 7 days and 28 days being stronger than the previous mix used. The results with Toproc Rapid at both stages also indicated that a more consistent product was being supplied. By applying the same amount of vibration it was found that the number of blow holes on the final product were also slightly reduced.

RESULTS AND BENEFITS

Compared to the existing mix, Toproc Rapid offered a time saving as it provided a stronger product in a shorter time frame, as well as being an overall more consistent product.

TOPROC
RAPID

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

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