PROVEN PERFORMANCE
PRECAST CONCRETE FACILITY
THE OPTIMUM RAPID SETTING, HIGH EARLY STRENGTH CONCRETE
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.

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