

PROVEN PERFORMANCE

*MANCHESTER AIRPORT CONTROL TOWER
THE OPTIMUM HIGH EARLY STRENGTH CONCRETE*

TOPROC
RAPID



Product Toproc Rapid
Client Northfield Construction
Location Manchester Airport Control Tower

A high early strength concrete allowing the opportunity to speed up the construction process and increase productivity.

THE CHALLENGE

The project was a tall order in more ways than one. A 65m control tower to replace the existing one at Manchester Airport, making it the second highest in the UK. The main circular shaft required a 24-hour continuous pour to ensure the shutter levels rose at an optimum rate of 300mm/hour throughout the project.

OUR SOLUTION

Toproc Rapid was chosen for its pour consistency and high early strength. Technicians were on site to check consistency at the initial stage of the pour, while test cubes were made to determine early strengths at 10-24 hours. For added peace of mind, a secondary backup plant was also put on standby to ensure the continuity of the pour.

RESULTS AND BENEFITS

The job was completed on time after a 24-hour continuous pour. To ensure the concrete continued to set at a constant rate, minor adjustments were made to the mix to offset temperature fluctuations. High early strength supported construction loads and enabled the tower to be raised at the correct speed.

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

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