

PROVEN PERFORMANCE

*TOPROC CR. BILLINGHAM STORAGE FACILITY,
TEESSIDE*

TOPROC
CR

Product TOPROC CR (Chemical Resistant)
Client STOCKTON BOROUGH COUNCIL
Main contractor WS ATKINS ENGINEERING
Location COPEN LANE, BILLINGHAM, TEESSIDE

A technologically advanced concrete delivering high strength and performance in the harshest conditions.

THE CHALLENGE

Stockton Borough Council were responsible for gritting a vast area of road - including two major trunk roads, the A19 and A66. The area is a difficult environment, prone to very harsh winters and a lot of rock salt was required to be stored. Tarmac were therefore chosen to provide a concrete for the floor of the storage facility at Billingham, Teesside. Rock salt contains aggressive chlorides - so it was vitally important to construct the floor from materials that could resist chemical attack. In addition, it was also imperative that the floor was jointless as the high chemical content of rock salt makes it likely to penetrate any floor joints leading to corrosion of the steel.

OUR SOLUTION

Toproc CR was proposed by Tarmac due to its composition of special cement compounds and chemical resistant aggregates, providing an in-built resistance to aggressive chemicals. Macro steel fibres were also incorporated into the Toproc CR mix design to provide added strength and also a jointless floor solution.

RESULTS AND BENEFITS

Toproc CR was the ideal solution for Stockton Borough Council. The rock salt storage facility now benefits from a strong chemical resistant floor that shows minimal wear in a highly abrasive environment. A floor surface that has much more strength and resilience than traditional concrete, with the added benefit of being jointless, meaning there's no large joints for the load shovels used to distribute the rock salt, to catch on.

TOPROC

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

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