



# PROVEN PERFORMANCE

TOPROC AA. AVONMOUTH WASTE TRANSFER STATION

TOPROC  
AA

**Product** TOPROC AA (all purpose)

**Client** BRISTOL CITY COUNCIL WASTE  
MANAGEMENT GROUP

**Main contractor** PYRAMID CONSTRUCTION

**Location** AVONMOUTH REFUSE TRANSFER STATION

**Date of completion** JULY 2002

*Toproc AA is a general purpose readymix concrete that delivers a hard-working, high strength, abrasion resistant formulation designed to perform and last.*

### THE CHALLENGE

In May 2002, Tarmac was tasked with providing a concrete solution for a bespoke facility to be used to transfer domestic refuse from collection vehicles into articulated lorries en route to landfill. The slabs and push walls of the new Avonmouth Refuse Transfer Station would take the main punishment and so had to withstand years of heavy use from front-end loading machines. The team's main focus therefore was to create an abrasion and wear resistant concrete that could deal with the constant contact of the loading shovel buckets within the slab area and the potential impact damage to the push walls.

### OUR SOLUTION

Toproc AA was the recommended solution due to its performance in previous refuse transfer station projects. Delivering a typical 24-hour strength of 25-30N/mm<sup>2</sup> and a 28-day strength of 60N/mm<sup>2</sup> (typically 70-90N/mm<sup>2</sup>) meant Lafarge Tarmac could guarantee the high compressive strength needed for this tough environment.

### RESULTS AND BENEFITS

The client already had faith in Toproc AA following the use of it at their Days Road site in Bristol – and the result delivered at the Avonmouth site certainly confirmed its performance in a testing environment. All the key strength tests confirmed the strong resilience of Toproc AA in such applications.

# TOPROC

For more details contact your [toproc@tarmac.com](mailto:toproc@tarmac.com) or call **0800 1 218 218**

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