PROVEN PERFORMANCE
SUFFOLK EFW PLANT
SHUTTABELOC
Lagan Construction required a system that could be installed quickly adhering to project deadlines, walls of up to 5 metres and able to cope with severe loads.

THE CHALLENGE
Lagan Construction were contracted to complete work at Suffolk EfW plant for the ash storage building at the new waste incinerator plant. This project was a challenge. Lagan required a system that could be installed quickly adhering to project deadlines and provided the walls of up to 5 metres high to retain the bottom ash from the furnace and cope with severe loads. Originally, an in-situ cast wall was proposed but Lagan Construction looked to Shuttabloc for a solution.

OUR SOLUTION
Shuttabloc was proposed as it would save costs by reducing the installation time by two-thirds. Once in place the hollow cores of the precast units are pumped full of concrete resulting in a solid push wall that is tied in together and capable of withstanding significant impacts and loads. A team of just four men installed approximately 330 linear metres of Shuttabloc walls in only six weeks and there was minimum disruption to other works on site.

RESULTS AND BENEFITS
Traditional precast retaining wall units are suitable for use in most applications however with certain projects, when extreme loads are being applied, an alternative solution is needed. Shuttabloc provided the structural performance that was specified along with a reduced build time - the perfect combination. The installation went according to plan and all parties were thoroughly pleased with the final result.

For more details contact shuttabloc@tarmac.com