PROVEN PERFORMANCE

STAPLES VEGETABLES LIMITED, LINCOLNSHIRE

SHUTTABELOC
Staples Vegetables Limited required an alternative method to traditional precast retaining wall units that were able to cope with extreme loads.

THE CHALLENGE
Traditional precast retaining wall units are suitable for use in most applications; however, Staples Vegetables Limited required an alternative method to this as it needed to be able to cope with extreme loads that were expected to be applied to it. Following installation of Shuttabloc at their Wrangle site in 2010, Staples Vegetables once again called upon the innovative Shuttabloc solution to see if this could also help to create a second site for them in Sibsey, Lincolnshire.

OUR SOLUTION
Usually to provide the specified wall heights and structural performance, it would require a wall to be cast in a continuous length so that the loads can be spread along a larger section. Tarmac’s solution, Shuttabloc, is a concrete retaining wall system specifically designed to provide a faster, more economical alternative to casting in-situ. It is especially suitable for high spec walls needing to withstand impact or retain heavy loads. Because of this, Shuttabloc was the ideal solution for this project providing the required wall without the need for shuttering on site. This would drastically reduce build time, and cut working at height to a minimum.

RESULTS AND BENEFITS
Shuttabloc’s ability to withstand extreme loads was the key factor in selecting this system. Once in place the hollow cores of the precast units were pumped full of concrete resulting in a solid push wall that was tied in together and capable of withstanding the significant impacts and loads that the wall would be subject to. Following the successful installation of Shuttabloc on this site, the customer was keen to repeat it on yet another site and this installation also went according to plan.

For more details contact shuttabloc@tarmac.com