

# Verti-Block

## Jobling Purser Asphalt Plant Case Study

### The Brief

Jobling Purser required a retaining wall solution to create additional operational space at its constrained River Tyne site.

Bounded by the river and a protected railway line, expansion was limited. A disused embankment offered up to 825m<sup>2</sup> of new space but presented access challenges, limited ground data, and the need to maintain live plant operations throughout.

### The Solution

Working with Retaining Network S.L., Naylor Concrete supplied a Verti-Block PMB MSE retaining wall with Solmax Miragrid reinforcement.

- No piling or large cranes required
- Installed using 10 tonne excavators
- Flexible for changing ground conditions
- Minimal disruption to live operations

Manufactured in C40/50 concrete to BS EN 15258, the system delivers durability, freeze thaw resistance and a 120 year design life.

### Project Details

**Location:** Newcastle upon Tyne

**Client:** Jobling Purser

**Installer:** Premier Plant & Civil Engineering UK Ltd

**Product:** Verti-Block PMB

**Wall Area:** 400m<sup>2</sup>

**Wall Type:** MSE

### Outcome

The 55m retaining wall enabled the successful reclamation of previously unusable land, creating valuable space within a constrained site.

By using a modular MSE solution, the project avoided piling costs and minimised disruption, allowing plant operations to continue throughout. Close collaboration between Naylor Concrete, Retaining Network S.L. and the contractor ensured the design could adapt to changing conditions without compromising performance.



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by Naylor Concrete

