

TECHNICAL INFORMATION

TOPFLOW PILING

A specially designed, cost-effective, self-compacting concrete that enables easier placement of reinforcement cages within the poured pile. High early strength and high ultimate strength mixes are also available and provide excellent workability retention and greater on-site flexibility.

BENEFITS

- Suitable for all CFA and in-situ piled applications
- Mix can also be discharged directly into the pile with no need for additional consolidation or vibration
- Suitable for poor ground conditions where excessive moisture can cause early hydration of a conventional mix, making it difficult to work and place reinforcement cages
- Minimal cost uplift compared to high workability conventional piling mixes
- Offers enhanced productivity over conventional concrete due to ease of placement
- Concrete wastage is significantly reduced on site due to enhanced mix performance and the concrete consolidating accurately within the formed pile
- Efficient pumping characteristics
- High sulphate resisting

SPECIFICATION

- Can be specifically designed and formulated to meet customer's individual requirements
- May remove or reduce the necessity of heating the forms or beds – with rising energy costs this is a considerable saving
- Cement replacement mixes available
- Recycled aggregate mixes (up to 25% total aggregate content) available
- Can be formulated up to DC-3 sulphate resistance

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