

BREEDONFlow® Foundation IS A PREMIUM QUALITY CONCRETE DESIGNED TO FLOW AROUND ALL TYPES OF TRENCHES TO FULLY FILL ALL TRENCH VOIDS AND INTERSECTIONS.

The self-compacting properties of BREEDONFlow® Foundation mean that deployment is quick, safe, simple and cost effective on small and large scale projects.

BREEDONFlow® Foundation is highly flowable, non-segregating concrete that can spread into place under its own weight, enabling it to encapsulate extremely congested reinforcing steel and/or complicated formwork, with no mechanical vibration required.

The unique properties of BREEDONFlow® Foundation offer significant economic, constructability and aesthetic performance on conventional construction projects.

BREEDONFlow® Foundation allows for rapid concrete placement with significantly reduced labour requirements, consolidation and finishing.

APPLICATIONS

- Commercial foundations
- Domestic foundations
- Trench applications

BENEFITS

- Instant product flow on application
- No vibration or compacting needed
- Speed and ease of use
- BREEDONFlow® Foundation is the equivalent of a Gen 1 or 3 or any trench / footing mix up to a 35N / mm² strength requirement
- It is a fast flowing self-compacting product that only requires one pouring point to flow around the whole trench / footing
- There are low labour requirements for the material to be placed BREEDONFlow® Foundation can be designed to accommodate a variety of aggressive ground conditions

TESTING

Slump Flow – This test method evaluates the ability of the concrete to flow under its own weight in an unconfined condition. This test method involves filling an inverted slump cone full of concrete without consolidating the material on a non-absorbent rigid surface, lifting the slump cone and measuring the diameter of the resulting concrete that is formed.



COST SAVING

BREEDONFlow® Foundation can flow into trenches from a single access point and requires no compacting, so there is no need to hire vibrating equipment.

The cost of placing BREEDONFlow® Foundation is lower than conventional concrete due to the unique way it is designed to flow into place with little or no manual intervention resulting in lower labour costs and increased speed of pouring which means a reduction in time taken. The highly fluid nature of BREEDONFlow® Foundation means that foundations can be poured from a single point, filling complex or difficult to reach foundations which would usually mean the hire of a concrete pump.

The advanced concrete technology employed in the formulation of BREEDONFlow® Foundation ensures stability and resistance to segregation of the mixture, which are common problems experienced with other methods of increasing the workability of concrete such as the addition of water which will also weaken the concrete and reduce its durability.

In addition to the cost, time and quality benefits there is also the opportunity for improved on-site health and safety as a result of reduced manual handling and reduced noise so providing a safer working environment.

DELIVERY

No special equipment is required to take delivery of BREEDONFlow® Foundation and as long as suitable access can be gained by the truckmixer to some part of the trench, a level surface can usually be obtained along the length of the foundation with minimal effort. BREEDONFlow® Foundation can be pumped if necessary over greater distances than conventional mixes.

Please contact your local office for further information about BREEDONFlow® Foundation in your area.

SPECIFICATION OVERVIEW

Maintenance of workability	= 1.5 hours
Compressive strength at 28 days	minimum 20N/mm ² - designed to meet customer requirements



TO DISCUSS YOUR PROJECT REQUIREMENTS, AND FOR MORE INFORMATION ABOUT OUR PRODUCTS CONTACT:

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The information given in this technical datasheet is based on our current knowledge and is intended to provide general notes on our products and their uses. Breedon Group plc endeavours to ensure that the information given is accurate but accept no liability for its use or its suitability for a particular application because of the product being used by the third party without our supervision.

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