

RENOWNED FOR ITS EASE OF USE, THE QUALITY FINISH THAT CAN BE ATTAINED WITH BREEDONFlow® Form CONCRETE MAKES IT SUITABLE FOR ALL GENERAL CONSTRUCTION PURPOSES.

Its unique fluidity completely fills areas with complex access and intricate formwork. The need for compacting and power floating is negated, making this multi-purpose material simple and fast to deploy.

BREEDONFlow® Form 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® Form offer significant economic, constructability and aesthetic performance on conventional construction projects.

BREEDONFlow® Form allows for rapid concrete placement with significantly reduced labour requirements, consolidation and finishing. The outstanding flow characteristics of BREEDONFlow® Form can also result in dramatically improved surface finishes. Its use for architectural applications is increasing significantly.

APPLICATIONS

- Complex formwork
- Domestic floors
- Slabs
- Structural toppings
- Intricate reinforcement
- Commercial slabs including deck construction
- Low traffic industrial floor slabs

Not suitable for external applications without prior design by a suitably qualified structural/design engineer.

PUMPING

Placing BREEDONFlow® Form using a concrete pump is one of the most common placement methods. Pumping places the concrete as close as possible to its final position and provides an easily controlled rate of placement.

When placing BREEDONFlow® Form with a concrete pump the hose of the pump should be placed inside the formwork and under the concrete surface whenever possible.



This installation method both reduces the possibility of entrapping additional air within BREEDONFlow® Form and eliminates the potential for material segregation due to free-fall around the reinforcing steel and form hardware. Pumping should provide a continuous even concrete rise rate within the formwork with as few breaks in product delivery as possible.

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.

BENEFITS

- Flows efficiently into place from single point
- Speed of placement
- Helps attain quality finish

CURING REQUIREMENTS

While curing is obviously critical for all concrete construction, this is especially true for the top surface of BREEDONFlow® Form. Because of the increased quantity of paste and lack of bleed water at the surface, SCC is susceptible to surface drying.

SPECIFICATION OVERVIEW

Maintenance of workability	= two hours
Minimum thickness	= 75mm
Compressive strength at 28 days	= 35N/mm ²
Workability of slumpflow	between 650-750mm



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