



'GEM FLOW' & 'GEM FOUND'

Gem Mix **GEM FLOW & GEM FOUND** are easy to lay free flowing alternatives to conventional concrete for use on oversites and other small concrete slabs or in foundations.

As a self placing concrete **GEM FLOW & GEM FOUND** eliminate the need for noisy vibrating equipment. One person can easily lay volumes of concrete that would generally require much more labour.

GEM FLOW

For Oversites and small Slabs **GEM FLOW** laid correctly leaves a flat surface suitable for tiling and other floor coverings without the need for screed or power float finishing. When laying, the flowing properties of the concrete will do most of the hard work for you, however, you will need to ensure even distribution using a rake or similar tool followed by light dappling of the concrete to remove the air and ensure the flat finish.

If direct discharge is not possible, i.e. first floors or restricted access, **GEM FLOW** can be placed via pump or other indirect methods.

N.B. use of a polythene membrane is good site practice to prevent moisture loss. Like all concrete **GEM FLOW** is susceptible to the elements and Sun, Wind and Rain can all cause damage to the concrete finish. To help minimise surface problems Gem Mix would always recommend that a curing agent with at least 90% efficiency is used immediately after laying.

GEM FOUND

As the name suggests is for use in foundations, the free flowing properties will allow the concrete to be placed with minimal effort and is ideal for reducing labour costs and where easy access around all of the foundation is unavailable. It can also be used where noisy vibrating equipment is undesirable for planning / environmental reasons. In some instances **GEM FOUND** could also eradicate the need for concrete pumping.

Why use **GEM FLOW** or **GEM FOUND**?

- Noise reduction – Eliminates the need for noisy vibrating compaction equipment and power floating into the evening.
- Labour Saving – One person normally required to place, level and cure the concrete.
- Finishing times – once 'laid and sprayed' the concrete is finished.
- Smooth surface – No need for power floating or screeding.
- Crack control – Fibre enhanced for minimising early age crack control.
- Cost saving – Labour costs, pump and equipment hire costs can be minimised.

Gem Mix is a BSI approved supplier and supply concrete to BS EN 206-1 & BS 8500-2.

ISO 9001:2000
Fibres to BS EN 14889-2:2006