

GENERAL PURPOSE CONCRETE

DATA SHEET

Updated January 2019



**General Purpose Concrete
is formulated for
exceptional performance.**

In every bag you get guaranteed cement content and mix proportions ensuring a homogenous, durable result.

It is available in showerproof, tear-resistant plastic packaging within the UK.

APPLICATIONS

General Purpose Concrete is suitable for a wide variety of uses including concrete bases, garage and shed floors, the erection of posts, walkways, steps, patios, backfill and infill, general repair work and many other non-structural applications.

PROPERTIES

General Purpose Concrete is a kiln dried, pre-blended, factory produced prescribed concrete mix incorporating standardised binders and aggregates with a guaranteed cement content and mix proportions.

STORAGE

General Purpose Concrete should be stored in unopened bags clear of the ground, in cool dry conditions and protected from damp, frost, heat and excessive draught. Please use within 6 months of the packing date shown on the bag, which is in a week/year format.

HOW TO MIX GENERAL PURPOSE CONCRETE

These mixing instructions are designed to help you get the best out of General Purpose Concrete:

- Segregation can take place during transit, which is why we recommend you thoroughly mix the bag contents before use.
- For optimum results, mix the contents of the bag in a free fall mixer for 3-4 minutes or hand mix by pouring the contents onto a clean, flat surface and then add 2.0 to 2.5 litres of clean water while mixing continuously until you get the consistency you want. The concrete should be used within an hour of the water being added.
- If you add too much water, the mix will be weaker, it will take longer to set and the overall performance of the concrete will be impaired.
- One of the main benefits of General Purpose Concrete is that all plasticisers and workability aids are incorporated into the mix, which means you don't have to add anything to maximise the performance of the product.
- Once laid, we recommend you cover the concrete for at least 7 days with plastic sheeting or hessian and the same coverings are recommended to protect the finished product against the effects of frost, rain, arid or windy conditions.

COVERAGE PER BAG

One bag of General Purpose Concrete will give you approximately 0.01m³ of fresh material when mixed using 2.0 to 2.5 litres of clean water.

HEALTH AND SAFETY

Contact between cement powder and body fluids (e.g., sweat and eye fluids) may cause irritation, dermatitis or burns. For further information, including control of soluble hexavalent chromium, refer to the appropriate **Breedon Cement Material Safety Data Sheets**.

TECHNICAL SUPPORT

For additional information on General Purpose Concrete and the full range of Breedon Cement bagged products, please contact us on the details below.