

TECHNICAL INFORMATION

BLUE CIRCLE FERROCRETE®

Bulk Portland Cement (CEM I 52,5) **Bulk Product Data Sheet**

A high-early-strength Portland cement which is particularly suitable for:

- Facilitating the early demoulding, handling and use of precast concrete units.
- Maintaining production in cold weather.
- Early striking of formwork.

Blue Circle FERROCRETE is a high-early-strength Portland cement that conforms to BS EN 197-1 CEM I 52,5.

Blue Circle FERROCRETE is a quality-assured cement with independent third-party certification and carries a CE Mark.

APPLICATIONS

Blue Circle FERROCRETE is recommended to meet the following requirements:

- To produce high early strength in a wide variety of concretes, mortars and grouts.
- To facilitate the early demoulding, handling and use of all types of precast concrete products.
- To reduce formwork striking times.
- To help maintain normal concrete production during cold weather.

PROPERTIES

- Chemically similar to conventional Portland cement.
- More finely ground than conventional Portland cement to give higher early strength properties.
- Stiffens and sets at a similar rate to conventional Portland cement.
- Does not contain any added accelerators or admixtures.
- Colour similar to conventional Portland cement. Other properties are also similar to conventional Portland cement.



AVAILABILITY

Blue Circle FERROCRETE is available in bulk tankers throughout the United Kingdom.

CONDITIONS OF USE

- Concrete, mortars and grouts containing Blue Circle FERROCRETE Bulk must be specified and used correctly for best performance.
- The cement content must be correct and the water:cement ratio as low as possible consistent with satisfactory placing, thorough compaction and effective curing.
- The final finish quality of this material will depend upon the operative having the required skills and a familiarisation with the materials and its application methods.
- Tarmac Cement cannot be held responsible where workmanship has not been carried out in accordance with good practice.
- Blue Circle FERROCRETE is manufactured from natural products, and slight shade variations may occur. Blue Circle FERROCRETE Bulk will also have shade variations from differing manufacturing centres.

TECHNICAL SUPPORT

Further information or specification advice on Blue Circle FERROCRETE and the full range of Tarmac Cements can be obtained through the contacts listed below.

HEALTH AND SAFETY

Contact between cement powder and body fluids (eg, sweat and eye fluids) may cause irritation, dermatitis or burns. For further information, including control of soluble hexavalent chromium, refer to the appropriate Tarmac Cement Health and Safety Information Sheets.



The content of this data sheet is correct at the date of publication. Please check our website: www.tarmac-bluecircle.co.uk/bulk for any subsequent changes.

For further information

www.tarmac-bluecircle.co.uk/bulk

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