

# Technical information

PORTLAND CEMENT  
CEM I 52,5N  
PRODUCT DATA SHEET



## Blue Circle PORTLAND CEMENT

Blue Circle Portland Cement is quality-assured with third-party accreditation and carries the UKCA Mark conforming to BS EN 197-1, and the BSI Kitemark, and is produced under an accredited ISO management system.

### APPLICATIONS

Blue Circle Portland Cement is used in a wide range of construction applications, including but not limited to, ready-mixed concrete, sprayed concrete, precast concrete, concrete products, mortar, grout, render and screed.

Blue Circle Portland Cement is compatible with supplementary cementitious materials, such as GGBS and fly ash, pigments and chemical admixtures. Trial mixes are recommended to determine the optimum mix proportions.

Blue Circle Portland Cement should always be used in accordance with the relevant product application standard.

### CONDITIONS OF USE

Products containing Blue Circle Portland Cement must be specified and used correctly for best performance.

Selecting the correct cement content and water:cement ratio, will ensure satisfactory placing, thorough compaction, and effective curing.

The final finish quality of products made with Blue Circle Portland Cement, will depend on the user having the required skills, and knowledge of the materials and application methods.

Tarmac Cement cannot be held responsible where workmanship has not been carried out in accordance with good practices.

Blue Circle Portland Cement is manufactured from natural resources, and slight colour variations may occur. Colour variations will also occur from cements produced at different manufacturing locations.

### TECHNICAL INFORMATION

Product certification is available from Tarmac Cement's Customer Technical Portal.

### PRODUCT SUPPORT

For availability and further technical information, please use the contacts listed below:

[www.tarmac.com/products/cement/bulk-cement](http://www.tarmac.com/products/cement/bulk-cement)

#### Technical Helpdesk

Tel: **0345 812 6232**

E-mail: [info-cement@tarmac.com](mailto:info-cement@tarmac.com)

#### Customer Service & Sales

Tel: **0345 812 6300**

E-mail: [customerservice@tarmac.com](mailto:customerservice@tarmac.com)

### HEALTH & SAFETY

Contact with wet cement, concrete, mortar, or cement powder and body fluids (eg sweat and eye fluids) may cause irritation, dermatitis or severe alkali burns.

Please refer to Tarmac Cement's, Common Cement Material Safety Data Sheet, for further information, including the control of hexavalent chromium.

For more details contact: [customerservice@tarmac.com](mailto:customerservice@tarmac.com)

The content of this data sheet is correct at the date of publication. Please check our website: [www.tarmac-bluecircle.co.uk/bulk](http://www.tarmac-bluecircle.co.uk/bulk) for any subsequent changes. The information given in this technical data sheet is based on our current knowledge and is intended to provide general notes on our products and their uses. Tarmac endeavour to ensure that the information given is accurate, but accept no liability for its use or its suitability for particular application because of the product being used by the third party without our supervision. Any existing intellectual property right must be observed.