

Technical information

GROUND GRANULATED BLAST-FURNACE SLAG PRODUCT DATA SHEET



TARMAC GROUND GRANULATED BLAST-FURNACE SLAG (GGBS)

Tarmac GGBS is quality-assured with third-party accreditation and carries the UKCA Mark conforming to BS EN 15167-1 and is supplied under an accredited ISO management system.

APPLICATIONS

Tarmac GGBS in combination with Portland Cement or Portland Limestone 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.

When used in combination with cement, Tarmac GGBS offers the following benefits, reduced risk of early-age cracking in large concrete pours, improved durability against sulfate attack & aggressive ground conditions, chloride ingress, and alkali silica reaction.

Tarmac GGBS is compatible with Portland cement and Portland Limestone Cement and chemical admixtures. Trial mixes are recommended to determine the optimum mix proportions.

Tarmac GGBS should always be used in accordance with the relevant product application standard.

The use of Tarmac GGBS to replace cement, reduces the embodied CO₂ of products

CONDITIONS OF USE

Products containing Tarmac GGBS 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 Tarmac GGBS, 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.

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

Technical Helpdesk

Tel: **0345 812 6232**

E-mail: info-cement@tarmac.com

Customer Service & Sales

Tel: **0345 812 6300**

E-mail: customerservice@tarmac.com

HEALTH & SAFETY

There are no known significant health risks associated with GGBS. However, as an airborne dust, it may cause irritation to the eyes and respiratory system. Prolonged contact with the skin may also cause irritation.

Please refer to Tarmac Cement's, GGBS Material Safety Data Sheet, for further information.

For more details contact: 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 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.