

LAFARGE GENERAL PURPOSE CEMENT



bringing materials to *life*™



CEM II CEMENT

A CEM II Portland-composite cement suitable for most general purpose applications.

Lafarge General Purpose Cement is a quality-assured BS EN 197-1 CEM II cement, based on Portland cement clinker with independent third party certification and carries CE marking. It is produced using sustainable cement technology and a range of formulations with comparable performance (see below):

- **Portland-fly ash cement (CEM II/B-V 32,5R)**. Lafarge General Purpose Cement to this formulation is available from our Aberthaw and Dunbar Works.
- **Portland-limestone cement (CEM II/A-LL 32,5R)**. Lafarge General Purpose Cement to this formulation is available from our Cauldon and Hope Works.
- **Portland-limestone cement (CEM II/A-L 32,5R)**. Lafarge General Purpose Cement to this formulation is available from our Cookstown Works.

Applications

Lafarge General Purpose Cement is a general purpose CEM II cement that is suitable for use in concrete, mortars, renders, screeds and grouts.

For more specialised structural concrete applications, the use of Procem (CEM I Portland cement) should be considered.

For sulfate resistant applications, Sulfacrete should be considered.

Properties

- Based on sustainable cement technology.
- Grey in colour.
- Consistent strength meeting all the conformity criteria in BS EN 197-1.
- Compatible with admixtures such as air-entraining agents and workability aids.
- Trial mixes are recommended to determine the optimum mix proportions.

Availability

Lafarge General Purpose Cement is available in 25kg bags throughout the United Kingdom.

Storage

This product should be stored in unopened bags clear of the ground in cool dry conditions and should be stacked in a safe and stable manner.

Information on the maximum storage period can be found on the bag.



Conditions of Use

- Lafarge General Purpose Cement may be used in the range of traditional nominal mixes as for traditional Portland cement.
- Lafarge General Purpose Cement should not be mixed with additions or other cement types.
- To achieve optimum performance from Lafarge General Purpose Cement in concrete or other products, it is essential that it is correctly specified and used.
- Recommended mixes are given in the Lafarge Cement Builders' Guide, available from the contacts below.
- As with other cements in building work, there is no substitute for good practice and workmanship. It is essential to use the correct materials, proportion and mix the materials properly, add the correct amount of water, compact, cure and protect as appropriate. When using CEM II cement, it is particularly important to ensure that effective curing is applied.
- Normal hot and cold weather practice should also be followed.
- The final finish quality of this material will depend upon the operative having the required skills and a familiarity with the material and its application methods.
- Lafarge Cement UK cannot be held responsible where workmanship has not been carried out in accordance with good practice.
- Manual handling should comply with The Manual Handling Operations Regulations 1992.
- Lafarge General Purpose Cement is manufactured from natural products, and slight shade variations may occur. Lafarge General Purpose Cement will also have shade variations from differing manufacturing centres.

Technical Support

Further information or specification advice on Lafarge General Purpose Cement and the full range of Lafarge 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. Cement is classified as an irritant under the Chemicals (Hazard Information and Packaging) Regulations.

For further information, including control of soluble hexavalent chromium, refer to the appropriate Lafarge Cement Health and Safety Information Sheets.



The information in this datasheet is accurate at the time of printing, but Lafarge Cement UK reserve the right to amend details as part of their product development programme.

Further information

Technical helpline

Tel: 0845 812 6232
info@lafargecement.co.uk

Customer services

Tel: 0845 812 6300
customerservice@lafargecement.co.uk

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