

# SULFATE RESISTANT CEMENT



Lafarge Sulfate Resistant Cement is a quality-assured BS EN 197-1 CEM II cement and carries the CE mark. It is produced using sustainable cement technology.

## GENERAL INFORMATION

Lafarge Sulfate Resistant Cement is a Portland-fly ash cement with a high sulfate resistance\* and a moderate heat of hydration conforming to BS EN 197-1 CEM II/B-V 42,5N.

## FEATURES

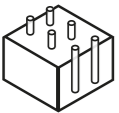
- Recommended for use in below ground applications
- Ideal for use where sulfates are present
- Reduced alkali
- Reduced water demand
- Enhanced long term strength performance
- Better resistance to chloride ingress and aggressive environments than Portland cement (CEM I)
- Resistant to sulfate attack on concretes, grouts and mortars
- Suitable for use in virtually all sulfate conditions<sup>†</sup> as defined in BS 8500 and BRE Special Digest 1

## APPLICATIONS


Ideal for use in below ground applications or where enhanced durability is required. Ideal for applications including:

- Concrete
- Mortar
- Grouts

IDEAL FOR:




GROUNDWORKS

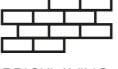


DURABILITY


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CONCRETING



BRICKLAYING



HIGHER STRENGTH

## AVAILABILITY

Available in 25kg paper bags.

## STORAGE

This product must be stored in unopened bags clear of the ground. If stored correctly and used within 91 days of the packing date shown on this bag, the activity of the reducing agent<sup>‡</sup> will be maintained and this product will contain, when mixed with water, no more than 0.0002% (2 ppm) soluble chromium (VI) of the total dry weight of cement. Use of this product after the end of the declared storage period (see above) may increase the risk of an allergic reaction.

## CONDITIONS OF USE

- Lafarge Sulfate Resistant Cement may be used in the range of traditional nominal mixes as for traditional Portland Cement.
- To achieve optimum performance from Lafarge Sulfate Resistant Cement in concrete or other products, it is essential that it is correctly specified and used.
- As with other cements in building work, there is no substitute for good site practice. 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 it is cured correctly.
- Normal hot and cold weather practice should also be followed.
- The final strength and finish of this product will depend on the user having the necessary skills and knowledge of the product and its application.
- Lafarge cannot be held responsible where workmanship has not been carried out in accordance with good practice.
- Lafarge Sulfate Resistant cement is manufactured from natural products, therefore slight shade variations may occur.

## TECHNICAL SUPPORT

Should you require information for this or any other product within the Lafarge range, please contact our Customer Support team on 01285 646900 or visit our website at:

[www.lafargecement.co.uk](http://www.lafargecement.co.uk)

## HEALTH AND SAFETY

Contact between cement powder and body fluids (e.g. eye fluids) may cause irritation, dermatitis or burns. Cement is classified as an irritant under the Chemicals (Hazard information and Packaging) Regulations. Please refer to the product safety data sheet for full information.

\*Can be classified as CEM II/B-V+SR when used in accordance with BS 8500 and BRE SD1.

<sup>†</sup>Except DC4M.

<sup>‡</sup>Added to control the level of soluble chromium (VI)

