

ENDURE SR



Endure SR is a Portland-Fly Ash Cement ideal for applications that require enhanced resistance to sulfate and chloride ingress.

GENERAL INFORMATION

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

- ▶ Portland-Fly Ash Cement (CEM II/B-V 42,5N)
- ▶ Endure SR has lower embodied CO₂ than CEM I Portland cement
- ▶ Reduced alkali
- ▶ Ideal for use where sulfates are present
- ▶ Enhanced long term strength performance
- ▶ Improves pumpability, placing and finishing
- ▶ Better resistance* to chloride ingress and aggressive environments than Portland cement (CEM I)

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

GOOD SITE PRACTICE

- ▶ A risk assessment should be carried out before commencing any work.
- ▶ It is recommended that trials are undertaken when using a new source of cement. Samples are available on request for trial work and technical support is available.
- ▶ To maintain strength the water/cement ratio should be kept low and admixtures should be used to achieve the required workability.
- ▶ The use of cementitious additions e.g. Fly ash and GGBS will affect overall strength and workability.
- ▶ Concrete should be placed by experienced contractors who have the correct training.

APPLICATIONS

Recommended for use in below ground applications;

- ▶ Geotechnical
- ▶ Grout
- ▶ Major Contracts
- ▶ Marine
- ▶ Piling
- ▶ Precast
- ▶ Soil Stabilisation
- ▶ Tunnelling
- ▶ Volumetric Concrete

AVAILABILITY

Available in bulk loads delivered by tanker. Site must have suitable access for vehicles and a safe discharge point.

STORAGE

Can be stored on site in a silo ready for use.

CONDITIONS OF USE

- ▶ Cement and water ratio must be as low as possible in accordance with placing, thorough compaction and effective curing.
- ▶ As with other cements, 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.
- ▶ Lafarge cannot be held responsible where workmanship has not been carried out in accordance with good practice.
- ▶ Endure SR is made from natural raw materials, therefore slight shade variations may occur.

CUSTOMER SUPPORT

- ▶ Should you require information for this or any other product within the Lafarge range, please contact our Customer Support team on **01455 288392** or email **cementsales@aggregate.com**
- ▶ For technical support email **cement.technical@aggregate.com**
- ▶ Alternatively, visit our website at: **www.lafargecement.co.uk**

HEALTH & 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.

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FOR FURTHER INFORMATION

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