Cenin Fly Ash

A high quality factory produced beneficiaited fly ash designed for general ready-mix concrete and precast concrete applications.

A factory manufactured sustainable product that is classified and beneficiaited under stringent factory process control. Cenin Fly ash is produced optimising its fineness, reducing the water demand and improving the chemical composition to maximise its benefits when used in concrete.

It can be used as an addition in concrete having pozzolanic and/ or latent hydraulic properties, with enhanced features and benefits suitable for general ready-mix concrete and precast concrete applications.

Cenin Fly Ash is a low carbon product that has been specified and used in major projects and has a wide range of applications.

Applications
Cenin Fly Ash is a factory produced fly ash. Cenin are working closely with BSI to test and achieve accreditation to BS EN 450 Fly Ash to enable Cenin to achieve CE marking for their product.

It can be combined with BSEN 197-1 Type CEM1 cement at the concrete mixing plant as defined in BS 8500: Concrete – Complimentary British Standard to BSEN 206-1.

It is specifically designed for the requirements of:
- Ready mix concrete
- Precast concrete
- Specialist projects
- Grout formulations

Benefits
- Improved long term strength performance
- Improved durability
- Improved resistance to sulphate attack
- Improved surface finish
- Improved resistance to alkali-silica reaction
- Improved cohesion and workability
- Reduced bleeding
- Lower heat of hydration

Product Data
Each batch of product we supply is thoroughly analysed and tested by our advanced monitoring and control system. This enables us to ensure the highest consistency and quality of our products.

Conditions of Use
For best performance, concretes, mortars and grouts containing Cenin Fly Ash must be used correctly according to specification. Cenin Fly Ash is suitable for use with most quality admixtures.

Technical assistance and guidance on admixture choice can be obtained from the Cenin Cement technical department.

Trial mixes should be carried out prior to commencement of work to ensure the requirements of the specification are met. Cenin Cement offers state of the art testing facilities to its customers ensuring the correct mix designs are established before production trials commence, giving its customers the benefits of unnecessary down time for production trials.
Cenin Fly Ash
Product Data Sheet

Sustainable Solution
- Low embodied CO2
- Reduced carbon footprint
- Enhanced company image

Technical Support
Cenin Cement has its own independent cement/pfa and concrete laboratories and by continuously monitoring all of our products, we maintain product conformity and quality.

The services of our laboratory are available to our customers for support with product development and analysis.

Health and Safety
Wear suitable protective clothing at all times including gloves and eye and face protection.

Contact with cement, concrete or mortar (wet or dry) may cause irritation, dermatitis or burns. Contact between cementitious materials and body fluids (e.g. sweat and eye fluids) can also cause irritation. Should these circumstances arise, immediately rinse the affected area(s) with plenty of clean water and seek medical advice.

Cenin Cement’s products are fully compliant with the requirements for water-soluble chromium (V1) content in Annex XVII of the REACH regulation.

Keep out of reach of children.

For further information please refer to the Cenin Cement Health and Safety information sheet.

Availability
Cenin Fly Ash is available in bulk only. Our dedicated fleet of tankers with a standard load of 28 to 29 tonnes allows us to provide a flexible and highly accurate service.

All Cenin Cement drivers are fully trained and experienced in all aspects of powder handling. Please ensure all discharge zones in your site are accessible at all times of delivery.

Our commitment to sustainability is also reflected in our fleet as we ensure the highest efficiency possible in our distribution routes.

Carbon Footprint
The Cenin range is a highly sustainable alternative to Portland cement with excellent cementitious properties, creating up to 95% less CO₂ emissions than standard Portland cement production.

Developed to meet the highest quality and sustainability standards, Cenin Fly Ash manufacturing process is powered by renewable energy and by promoting the use of supplementary cementitious materials; it also decreases the need for mineral extraction and reduces landfill and pollution.

For sales, enquiries and orders please contact
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