

SUPPLEMENTARY CEMENTING MATERIAL FOR CONCRETE

PRODUCT

Admix FLY ASH is a finely divided powder of grayish white color which is a Pozzolan material used in the production of concrete. This material is obtained by the processing of FLY ASH produced by the combustion of coal in power stations.

PROPERTIES

- Improved workability: Concrete is easier to place and requires less effort to achieve full compaction
- Ease of pumping
- Reduced bleeding and segregation
- Increased compression strength of concrete
- Reduced permeability
- Increased durability
- Reduced alkali silica reaction

SCOPE OF USE

Admix FLY ASH is used in the following:

- Structural concrete
- Concrete liable to sulfate attack
- Concrete where improved durability is required
- In mass concrete where slower setting times are required
- Concrete that requires pumping

CHARACTERISTICS

PHYSICAL PROPERTIES

Fitness (retained on 235 mesh sieve)	Maximum 34 %
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CHEMICAL PARAMETER

SiO ₂ + Al ₂ O ₃ + Fe ₂ O ₃	Minimum 70 %
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SO ₃	Maximum 2 %
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Moisture	Maximum 2 %
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Loss on Ignition	Maximum 2 %
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Na ₂ O	Maximum 1.5 %
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RECOMMENDED DOSAGE

Admix FLY ASH can be incorporated in concrete up to 80% of total cementitious content. It is recommended that trial mixes be carried out to determine addition rates to achieve the required performance criteria prior to actual use.

PACKAGING

Admix FLY ASH is supplied in jumbo bags

STORAGE

When supplied in bags, store in original closed packaging and in a dry ventilated area.

SAFETY PRECAUTIONS

The product contains very fine powder which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area, and to wear protective gear for hands, eyes and respiratory system and to avoid breathing of the dust. Splashes on the skin should be washed away by cleaning thoroughly with soap and water. In case of contact with eyes, wash thoroughly with clean water and seek medical attention. If swallowed, do not induce vomiting and seek medical attention. The product is non-flammable.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

NOTE

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