

HAZELBERG



The Company



Hazelberg Asia Pte. Ltd. is a subsidiary of Hazelberg Limited, a specialist in the technology of recycling, production and technical marketing of flyash from coal fired power stations. The management of Hazelberg has extensive experience in the flyash business, including the processing of high quality flyash for major infrastructure projects such as dams, bridges, toll ways, flyovers, commercial office buildings and shopping complexes. To ensure optimal performance using our flyash technology, we provide technical support to the end users, such as government agencies, consultants, developers, through our team of specialists.

Our quality flyash is produced to not only meet, but also aim to exceed the relevant international standards, such as ASTM C 618 and BS 3892 for flyash.

The Environment

While Hazelberg quality flyash will improve the concrete performance and reduce the cost of concrete, it is also environmentally friendly.

Traditionally, coal fired power plants dispose the coal ash into ash ponds or landfill sites, which increased the environmental risks and financial costs to the industry. When the coal ash is properly recycled for use in concrete, less cement is required in producing a cubic meter of concrete.

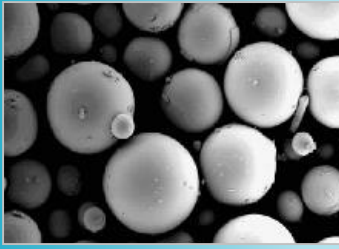


This result in a reduction in the use of raw materials, energy and carbon dioxide emissions associated with cement manufacture.

In line with our 'green' technology to reduce carbon dioxide emissions, Hazelberg Asia is also part of the Green House Gas Emissions Reductions Group (GHGER), an iPartner consortium supported by the International Enterprise (IE) Singapore



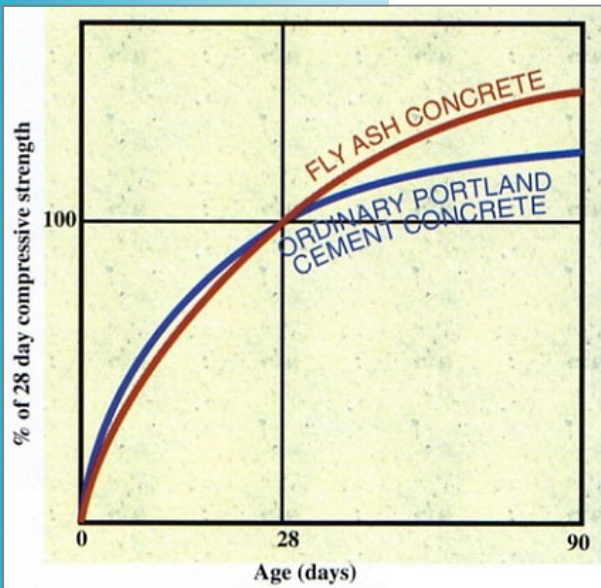
**iPartners
GHGER
Group**



What is Hazelberg flyash ?

Hazelberg recycling technology process the waste ash, generated by coal fired power plants during power generation, to produce a fine powder of minute glassy spheres, called flyash. The quality of flyash we produced meets the high quality standards required for partial cement substitution in high performance concrete.

The benefits of using Hazelberg flyash in concrete



- Increases ultimate compressive strength
- Increased flexural strength
- Decreases permeability
- Increased durability
- Reduced heat of hydration and less crack failures in mass concrete
- Reduces bleeding and segregation
- Reduces drying shrinkage
- Improved off-form finish – less rework
- Smoother finish - less paint coatings required
- Faster construction in Roller Compacted Concrete dams
- Durable concrete highways and flyovers

- Increased workability and pump ability for high rise building applications
- Increased resistance to sulphate attack, alkali- aggregate reaction, and chloride ingress



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