Independent Cement

SteelPave

SteelPave products have been specifically developed for pavement construction, rehabilitation and maintenance. Ground granulated blast furnace slag, hydrated lime, flyash or Type GP cement are blended in various combinations to provide optimum pavement performance. SteelPave is manufactured in a number of standard blends for general applications whilst our unique “designer blends” facility provides pavement engineers with stabilisation products that are made to meet specific conditions and design criteria. SteelPave products have applications in a diverse range of situations including:

- Deep lift recycling
- Heavy duty pavement construction
- Soil stabilisation
- Building sites
- Pavement rehabilitation
- Maintenance and patching
- Mining site works
- Mine haul roads
- Major highwats
- Site remediation
- Local roads
- Airports
- Subgrade stabilisation
- Sub-base and base construction

Designer Blends

SteelPave products are manufactured in purpose-built, state-of-the-art blending facilities. This enables engineers to confidently specify any variation or combination to meet specific project requirements.

Quality

SteelPave is manufactured under tightly controlled conditions in a sophisticated computerised plant. Special blending plants produce consistent, homogeneous stabilisation products with predictable performance characteristics Blending operations ensure tight controls on quality.

Availability

SteelPave products are available throughout New South Wales and Victoria - bagged or bulk.

Workability

One of the most significant features of SteelPave products is their increased working time over conventional cementitious materials resulting in:

- Improved workability - this is critically important with deep lift recycling work
- Increased time for mixing and compaction
- Improved pavement finish and ride due to more time for grading
- Improved pavement durability can be expected from the quality improvement made possible by increased workability

Durability

SteelPave has significant advantages in pavement stabilisation and recycling over conventional GP cements including:

- Higher ultimate strength is developed over time leading to stronger pavements
- Lower heat of hydration reduces the likelihood of thermal stress cracking
- Lower shrinkage reduces potential for cracking

Proven Performance

SteelPave's performance has been well documented over recent years by road authorities and research bodies. Thousands of kilometres of Australia's road network have been rehabilitated using SteelPave products.

Environment

SteelPave products use the ground granulated blast-furnace slag (GGBS). Slag is a by-product of the steel manufacturing process and its potential was previously undervalued. The engineering potential of GGBS has been researched and developed by ICL, providing an opportunity to use this valuable resource. Steelpave products used in stabilisation and recycling techniques reduce the demand for new quarry products. Improving the engineering properties of existing in-situ materials, rather than importing new quarry materials, also provides savings in the energy required to win, process and transport new materials.

Stabilisation using Steelpave therefore has important community and environmental advantages in the conservation of our precious finite natural resources.

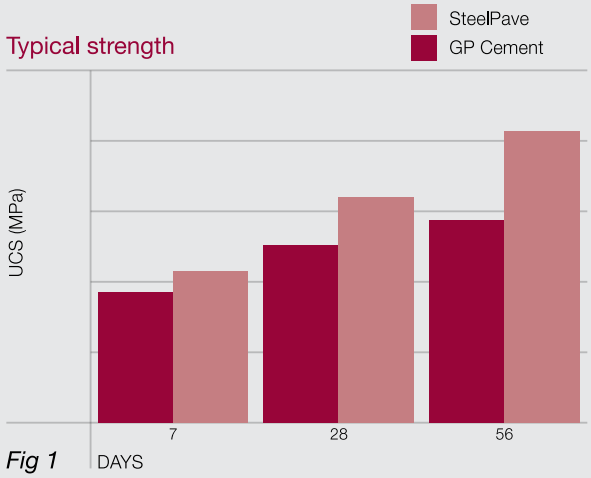

Fig 1

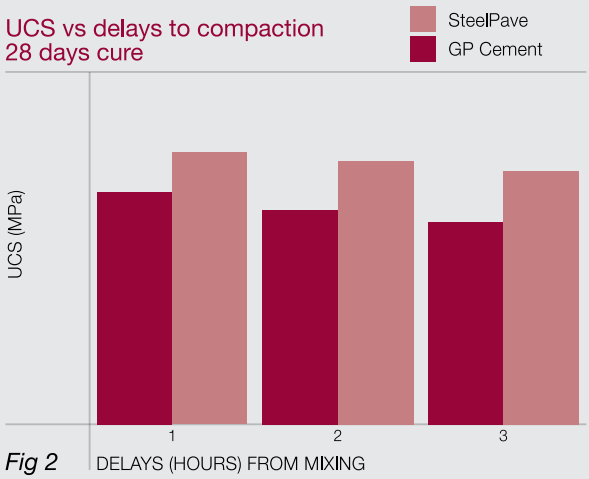

Fig 2

Sales - Orders

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