



Australian Builders SteelPave



Australian Builders SteelPave product is manufactured in purpose built, state-of the art facilities in Victoria and NSW in Australia. The product contains ground granulated blast furnace slag and hydrated lime.

APPLICATIONS

SteelPave has been specifically developed for soil improvement, pavement construction, rehabilitation, and maintenance. SteelPave has applications in a diverse range of situations including.

- Soil stabilisation
- Deep lift recycling
- Building sites
- Edge strengthening
- Drive and yard stabilisation
- Mining site works
- Pavement rehabilitation
- Pavement construction
- Shoulder strengthening

BENEFITS OF STEELPAVE

Workability

- Improved workability-this is critically important with deep lift recycling work.
- SteelPave blended soil has slower setting, as a result more time is available for mixing and compaction.
- Improved pavement durability can be expected from the quality improvement made due to workability and compatibility of stabilised material.

Rework ability

- Stabilised mixes containing SteelPave have the potential to be reworked for few days.
- Early age problems in stabilised mixes such as weather damage, rutting or levelling can be rectified by reworking without adding binder.

Durability

- SteelPave produces lower heat during early age as a result the cracks due to thermal stresses are reduced.
- SteelPave blended soil has lower strength development in early days, as a result the possibility of having block cracks is reduced.

TYPICAL PROPERTIES OF STEELPAVE

Typical properties of SteelPave	
Blend ratio (GGBS: Hydrated lime)	85:15
Maximum allowable working time (hours)	8-12
Unconfined compressive strength (MPa)at 28 day (4% binder content)	2-4
Note: Unconfined compressive strength largely depends on the characteristics of host material	

DIRECTION TO USE

- SteelPave should be spread over the area to be stabilised.

Note: required rate kg per square meter should be identified before using the product.

- The area should then be worked to a depth of 150 mm using a rotary hoe or similar tool to ensure that the soil and steelpave are thoroughly mixed together.
- Water should be added stepwise to assist the mixing and compaction process.

Note: Do not add excessive water as it will become boggy mix and will not be able to compact.

- Leave the area and then use a roller or vibrating compactor to compact the stabilised soil.
- Leave the area for two to three days before use it for intended purpose. During that period, the soil will improve the strength.

HANDLING AND STORAGE

Manual handling of bag products without due care and attention may result in personal injury. Unless you have been trained in manual handling methods. It is suggested that you share the load with another person.

SAFETY INFORMATION

For safety information refer to the safety data sheet (SDS) for Australian builders steelpave SDS is available in www.bpsaust.com

AVAILABILITY

Australian Builders steelpave is available in 20kg bags.

