

# PAVE SET

## PRODUCT DESCRIPTION

Pave Set is a jointing sand manufactured from a blend of carefully selected sand and gelling agents. It is suitable for use with interlocking pavers, rectangular pavers and paving slabs that have vertical sides of at least 50mm in depth. Pave Set contains a polymer that dissolves when wet and gels as it dries.

## SUPPLY

Pave Set is available from most retail hardware and building supply outlets.

Pave Set is pre-packed into easy to handle 20 kg and 30 kg multi-walled paper bags.

## SPECIFICATION

The sand used in Pave Set satisfies the requirements of AS 2758.1 Table 3 for uncrushed fine aggregate. The maximum particle size is 1.2 mm.

All products are manufactured under a third party certified manufacturing and supply quality assurance system to ISO 9001 (BSI Certification No FS 604665).

## APPLICATIONS

Ideal areas for use are roadways, areas of heavy traffic movement, areas of high wind and in fact all areas where paving can be used.

## HOW JOINTING SAND WORKS

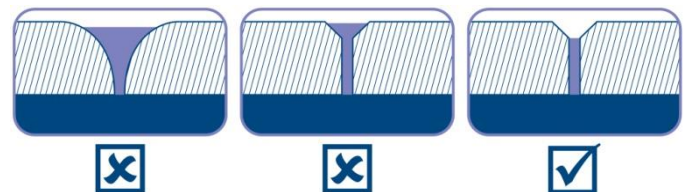
- Jointing sand works when the sufficiently compacted sand particles interlock (by creating a wedging action) between the particles themselves and the vertical sides of the paving units.
- In order to obtain an optimum sand particle interlock, the gap width between the paving units should not be greater than 4 times the maximum particle size.
- Jointing sand requires that the vertical sides of the pavers are clear of debris and flush in order to produce the wedging action between the paver and the sand particles. Therefore jointing sand will not work:
  - In “V-shaped” joints.
  - In the chamfer of pavers.
  - Where the joints are greater than 4x maximum sand size.

## DIRECTIONS FOR USE

In order to get the best performance from Pave Set jointing sand it is important to observe the following:

**NB:** Do not apply Pave Set if wet weather is forecast for the following 2-3 days.

1. It is recommended that a trial application of Pave Set is performed on a small test area of your pavers to ensure that the product is compatible with your paver selection.
2. Ensure that pavers are dry and clean of any other loose material such as dirt or sand. If you are applying Pave Set to pavers that have had gap sand in them before, ensure that the existing material is cleaned out to a minimum 20mm depth.
3. Spread Pave Set evenly over the pavers and sweep into the joints. Do NOT sweep over long distances as this can cause segregation of the gelling agent.
4. Using a vibrating plate or rubber mallet & piece of wood, vibrate the Pave Set to ensure that the product has compacted completely into the gaps. Repeat this step if vibration has caused voids in the gaps.
5. Sweep up all excess Pave Set from the surface of the pavers to prevent possible staining or discolouration. Ensure that all Pave Set is removed from the chamfered or rounded top edge of the gaps. See diagram below



6. Using a fine mist spray, completely saturate the Pave Set with a hose, ensuring that the water has soaked through the entire depth of the material. *Be careful not to spray the Pave Set out of the gaps.*
7. Allow the Pave Set to cure through drying for at least 2 days before sweeping or allowing heavy traffic on the area.

# PAVE SET

## PRECAUTIONS

- **DO NOT** apply Pave Set when rain or high winds are expected with 2 – 3 days of application.
- **DO NOT** use Pave Set around swimming pools, as constant wetting and drying cycles reduce the life of Pave Set.
- **DO NOT** use Pave Set on inclines greater than 1:10 (a 10 cm fall over a 1 m distance) as water runoff may reduce gelling characteristics.
- **DO NOT** use Pave Set in joints greater than 5 mm as no particle interlocking can be achieved.
- **DO NOT** use Pave Set in “V-shaped” joints and chamfers as no particle interlocking can be achieved. (Refer Figure 1)
- **DO NOT** use Pave Set with cobblestones as the gaps are too large to achieve particle interlocking.
- **DO NOT** use Pave Set on a rigid base (eg concrete) as lack of compaction and drainage will adversely affect gelling and particle interlock.

## SAFETY INFORMATION

For safety information refer to the Safety Data Sheet for Pave Set.

## CONTACT POINTS

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## TYPICAL PROPERTIES

Yield per 30 kg bag (dependent upon size and shape of the paver)	Approximately 4.0 m <sup>2</sup> per 20 kg bag, and 6.0 m <sup>2</sup> per 30 kg bag at 3 mm gap width
Maximum particle size	1.2 mm
Set characteristics	Gel
Curing time	24-48 hours; can be longer depending upon climate and moisture level in the pavers
Packaging	20 kg and 30 kg paper bags
Storage	12 months in a dry place

## 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. Pave Set can be stored for 12 months in a dry place, off of the ground and protected from ingress of moisture. Ingress of moisture can occur due to rain, spillage of liquid (on or around the product) or a high humidity climate. Such exposure will degrade the performance of the product.

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