

PAVE SET

PRODUCT DESCRIPTION

DryPak® 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. DryPak® Pave Set contains a polymer that dissolves when wet and gels as it dries. DryPak® Pave Set does not harden or stick to pavers like a cement mortar.

SUPPLY

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

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

SPECIFICATION

The sand used in DryPak® 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 AS/NZS ISO 9001 (NCS Certification No 6041).

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

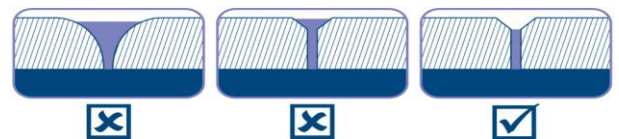
- Jointing sand works when the sufficiently compacted sand particles interlock (by creating a wedging action) between the particles themselves and the vertical sides of the paving units.
- In order to obtain an optimum sand particle interlock, the gap width between the paving units should not be greater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

DIRECTIONS FOR USE

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

1. It is recommended that a trial application of DryPak® 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 installed on a sub-base and sand bed with good drainage.
3. Bed the pavers into the bedding sand by using a vibrating plate or rubber mallet before filling the joints. For pavers less than or equal to 50 mm thick, check with the supplier regarding suitability for compacting.
4. Ensure that the joints are not greater than 5mm wide and the pavers have completely vertical sides.

Figure 1



5. Ensure that pavers are dry and clean of any other loose material such as dirt or sand. If you are applying DryPak® Pave Set to pavers that have had a gap sand in them before, ensure that the existing material is cleaned out to a minimum 20 mm depth.
6. Spread DryPak® Pave Set uniformly over the surface.
7. Avoid sweeping the DryPak® Pave Set over long distances as this will cause segregation and inconsistent gelling.
8. **Compact the DryPak® Pave Set into the joints using a vibrating plate or rubber mallet.** Check with paver supplier that pavers less than or equal to 50mm thick are suitable to be compacted.
9. Apply more DryPak® Pave Set and vibrate until the joints are filled to within 5 mm of the top of the paver or to the bottom of the chamfer. (Refer Figure 1) If joints are not filled with compacted sand to within 5mm of the top, the interlocking action will not be achieved. If DryPak® Pave Set is compacted above 5 mm from the top, it is likely to be damaged by abrasion.
10. Thoroughly clean the pavers by sweeping with a fine bristle broom or leaf blower to avoid the polymer and binder from sticking to or staining the pavers during wetting (if this process removes the DryPak® Pave Set from the gaps, then the joints may be too wide or the DryPak® Pave Set has not been compacted/vibrated sufficiently into the gaps).
11. With a fine mist spray, completely saturate the DryPak® Pave Set until the water has soaked through the **entire depth of the DryPak® Pave Set.** **Do not flood the area or spray the DryPak® Pave Set out of the gaps.**
12. Allow the water to soak through the joints for 15 minutes.
13. Repeat the wetting process from Step 10.

PAVE SET



14. Allow the DryPak® Pave Set to dry and gel for at least 2 days before sweeping or allowing heavy traffic on the area.

PRECAUTIONS

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

been trained in manual handling methods it is suggested that you share the load with another person.

DryPak® Pave Set can be stored indefinitely in a dry place.

CONTACT POINTS

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TYPICAL PROPERTIES

Yield per 30 kg bag (dependent upon size and shape of the paver)	Approximately 6.0 m ² per 30 kg bag at 3 mm gap width
Maximum particle size	1.2 mm
Set characteristics	Gel
Curing time	Dependent upon climate and moisture level in pavers
Packaging	30 kg paper bags
Storage	Indefinite 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

SAFETY INFORMATION

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

DISCLAIMER

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