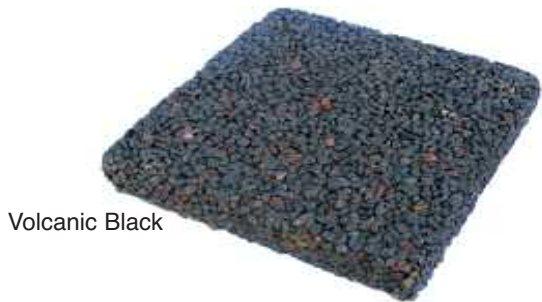


Permapave Permeable Pavers

Technical Data Sheet



Volcanic Black



Bronze



Nordic Bonde



Hearth Fire



Autumn Dream



Pepper

Product Description

A Unique stone paver specifically engineered to allow stormwater flow through the whole surface area of the paver.

Sizes

Segmental Pavers
230mm x 115mm x 50mm

Flag Pavers
290mm x 290mm x 50mm
385mm x 385mm x 50mm

Other sizes may be made, depending on quantity.

Colours

Available in a variety of natural stone, or may be pigmented to any specified solid colour. Colours may change periodically as new stone sources are developed. Natural stone has colour variations. Order all requirements from one batch to minimise variation. Check your local outlet for available colours.

Tolerances

Pavers are uniform size. There is no shrinkage in the manufacturing process.

Pallet weight

1 tonne (approximately).

Pallet quantity

16 square metres of 50mm pavers (approximately).

Number per square metre

230mm x 115mm	37.8
290mm x 290mm	11.9
385mm x 385mm	6.75

Manufacturing compliance

Permapave permeable pavers are a new technology, and to date there is no Standard written for them. However, the pavers will comply with appropriate strength sections of Australian Standard AS/NZ 4455- 1997 - Masonary pavers.

Suitability

Suitable for Domestic applications, most Light Traffic and commercial Pedestrian applications.

Cleaning

Typically every two years, or more frequently if required, by mechanical vacuum

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Technical Data Sheet - Page 2



Subgrade requirement The subgrade must comply with relevant standards. For example, Light Traffic has a minimum requirement of CBR5

Flow Through Rate Up to 30 litres per second per square metre, depending on type, size and shape of stone selected

- Typical system installation**
1. Permapave Permeable Pavers
 2. Up to 100mm depth of 5mm - 20mm screen layer to allow water to flow freely under the pavers.
 3. Geofabric, if required to direct the flow of water tanking capture points, areas of permeable substrate collection systems or bioswales.
 4. Complying subgrade. If the complying subgrade permeable, captured water can dissipate directly subterranean aquifers. Otherwise water flow directed to dispersal points with geofabric.

Exit Water Purity Typically, water exiting the system has had 100% of gross pollutants, and up to 70% Phosphorus, 80% of heavy Metals and 98% of Hydrocarbons filtered from it.

Percentage of sealed pavement to Permapave Pavements may require as little as 30% of Permapave Pavers to be classified as permeable. The exceptionally high porosity of Permapave Permeable pavers will dissipate water captured from surrounding impervious pavement. Porosity is generally unaffected by gradients.

Characteristic breaking load for stone approved as roadbase. Characteristic breaking load will vary with stone type size. However, for 300 x 300 x 50mm pavers, and segmental pavers manufactured from complying road stone, Domestic grade 2kn, Other grade 6kn.

Additional Stone strength and suitability for applications varies. Ensure the stone chosen is suitable for the application.

Allow extra 3% to 5% for waste/cutting.

No claims will be accepted for under/over estimation of quantity.

No claim will be accepted once product is installed.

Pallet weight and quantity may vary from time to time.

A delivery surcharge will apply on all deliveries less than 2 pallets. Full details from paver outlet.

Because of the open nature of the Permapave matrix, Permapave Pavers may not be the best product for use where extreme force is exerted by turning wheels, eg. Car parking bays. Consideration should be given to using a solid matrix paver in these areas with permapave pavers laid to capture runoff created by these solid matrix pavers.