

Besser Block Centre

Unit 47/20 Tucks Road Seven Hills NSW 2147
Phone (02) 9982 2536

Email info@besserblockcentre.com.au
Web www.besserblockcentre.com.au

Grass-Eco Pavers

Concrete and asphalt may be necessary for parking lots, courtyards and sidewalks at your property, but large expanses won't help your efforts to manage stormwater. These traditional materials are impervious, meaning they resist moisture, so rainwater has nowhere to go but into the sewers. As stormwater fees continue to climb, facility managers are turning to permeable options that allow water to infiltrate into the ground.



Permeable pavers help rainwater reach the ground. Permeable pavers, such as our Grass-Eco pavers direct water around the surface. The purpose is to ensure stormwater can penetrate the ground rather than flow to municipal drains, retention ponds, or public waterways.

Ground infiltration is a passive way to remove contaminants from runoff. Think of the pollutants that dirty your pavement – fluids from cars, spilled food, bird droppings, plant debris, salt, sand, trash, and soil erosion. These particulates pose a burden on city treatment plants or can make their way directly into nearby lakes and rivers. Sandy and clay soils can capture these elements, but only if water has a way to percolate through to them.

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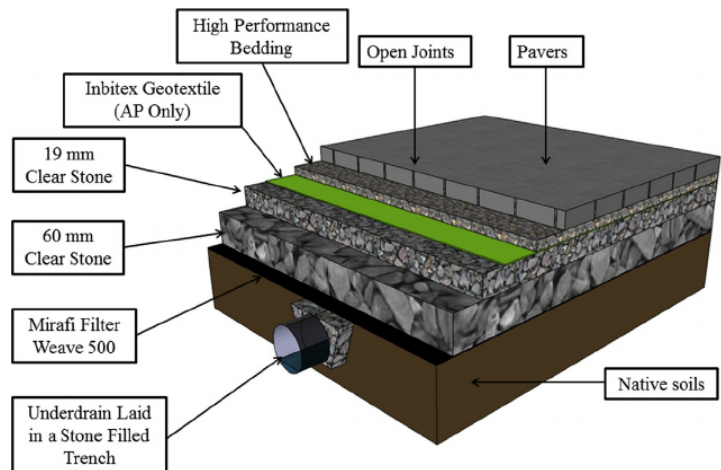
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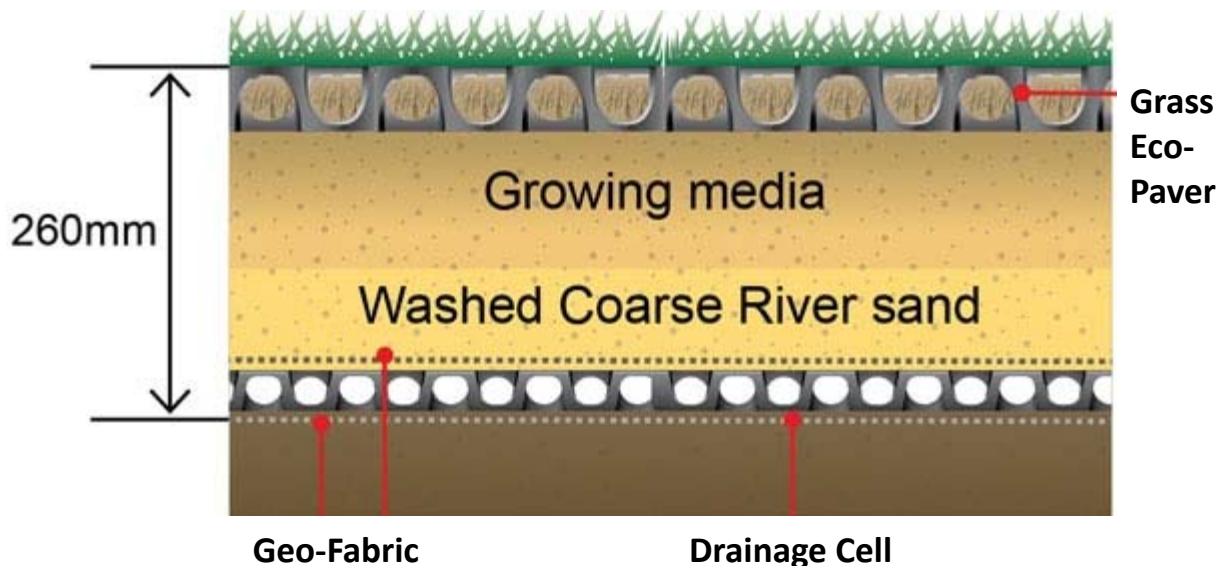
This grass-eco paver product has a few differing applications however the main application is a form to allow water to dissapate through the surface and allow a car to be driven over. This application therefore should be designed by an engineer.

The next image is an example of what sort of sub base will be required if used as an eco-form.

- A base of large gravel (50mm) compacted with draining section
- A base of large gravel (30mm) compacted
- Filter fabric
- A base of gravel fines
- Grass paver unit compacted.
- Infill with – gravel, stones or grass



Now the issue for grass growing is how the roots will take therefore a drainage cell will need to be installed to help with this process in the sub base section – as shown in the next photo.



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The laying course material for most cellular pavers is typically grit sand. However, we prefer to recommend a mix of sand and selected topsoil (usually 2 parts sand to 1 part soil) for use as the bedding layer when the cells are to be grassed.

The chosen bedding material may be laid over a separation membrane if there is a potential problem with the laying course material settling or being washed into the sub-base or in the case of grass paved cells, if there is the need to prevent the roots of any vegetation penetrating the sub-base. A drainage cell is required to help with grass growth. The recommended depths of sub-base materials should always be designed by your design Engineer as all information contained in this flyer is broad based information.

PRICE PER UNIT - \$14.75 + gst each
6.25 units/m² = \$92.20 + gst per sqm ex yard Seven Hills
54 Units per pallet – pallet weight 1 tonne.

DELIVERY Price - SYDNEY METRO ONLY

10m² or less - \$145.00 + GST
10-20m² - \$210.00 + GST
20-30m² - \$245.00 + GST
30-40m² - \$340.00 + GST
40-50m² - \$405.00 + GST or approx. \$10.00 per m²

Interstate delivery arranged by customer or priced per pallet.



*Prices valid at October 2016
and are subject to change.*