



Water Management for Life

ESTABLISHED IN 1986

Ideal for gravel driveways and footpaths

Gravel Cell[®]

GRAVEL REINFORCEMENT PAVER

Easy to install

Lightweight

Strong design



Soil Stabilisation

Ideal to house and reinforces soil

Gravel Cell® reinforcement structure creates an attractive, durable hard surface suitable for light to medium loaded parking areas.

Applications

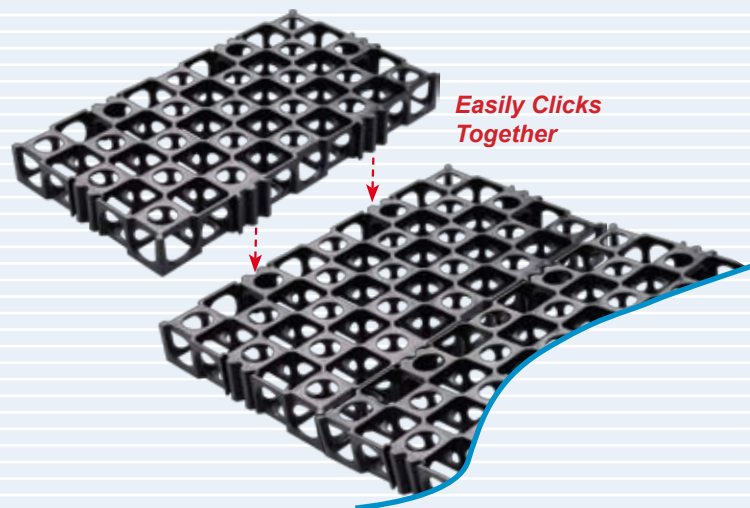
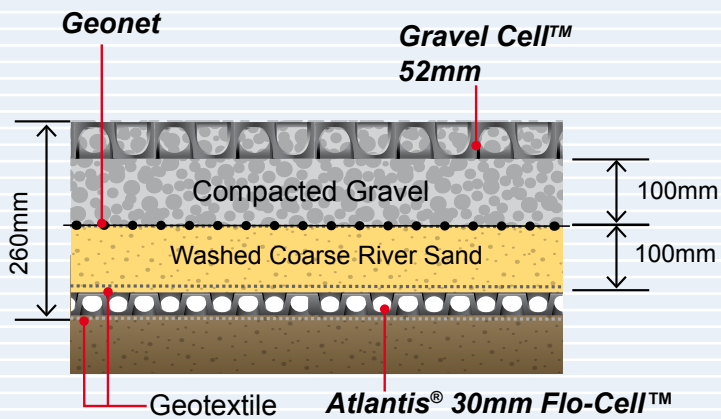
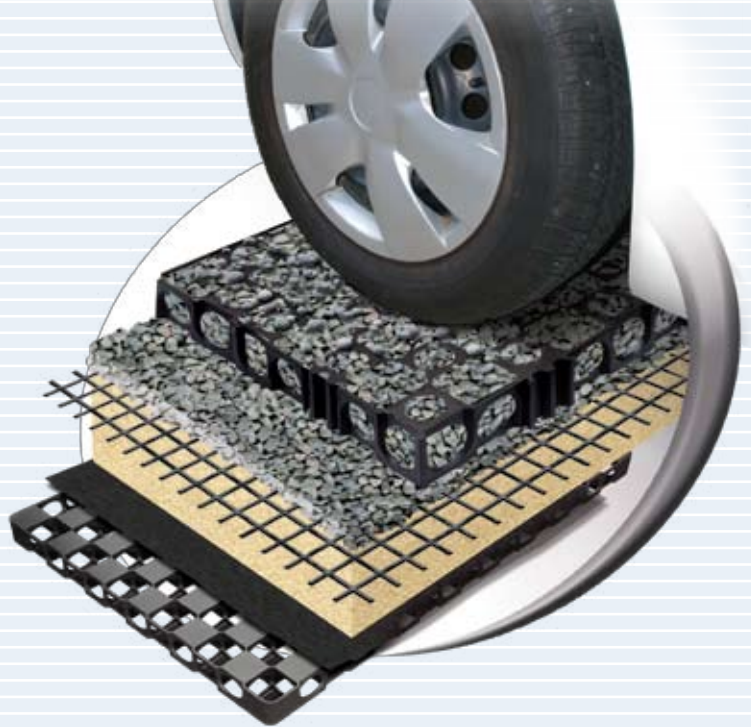
The cells can be used in any situation where low to medium use parking surfaces, access roads and driveways are required.

The cells can also be used for the construction of swales to collect rainwater and direct water to surface infiltration areas such as Atlantis® sub surface Infiltration channels.

Cost Benefits

The sub-base required for cells is equal to or less than the sub-base required for concrete or bitumen. Elimination of the traditional stormwater system required by impermeable carpark installations provides an immediate cost saving when installing Turf Cell® or Gravel Cell® pavers for the same application.

Gravel Cell® Reinforcement Structure



Access Roads

Gravel Cell® reinforcement structure installed for an internal road of a housing development.



Parking Bays

Installations

Doctor's Office Parking Lot



Gravel Cell® reinforcement structure used for access roads.

Gravel Cell® reinforcement structure installed for pathways on a university campus.



Gravel Cell Specifications

Material	100% Post Consumer Recycled Polypropylene
Chemical Resistance	Excellent
Unit Dimensions	52mm x 260mm x 480mm
Panel Dimensions	(8 assembled units) - 1.04m x 0.96m
Unit Depth	52mm
Cells per Unit	45
Nominal Weight	4.58 kg/m ²
Compressive Strength - Confined	greater than 400 t/m ²
Compressive Strength - Unconfined	148.58 t/m ²
Service Temperature - Unfilled	-30° to 120° C



Installation Guide

For further information refer to the Installation Instructions Brochure



1. Excavate the area out at approx. 250mm of depth. Base of excavation should be flat and relatively level.



2. Lay a 100mm layer of washed coarse river sand.



3. Compact the sand to 100mm thickness



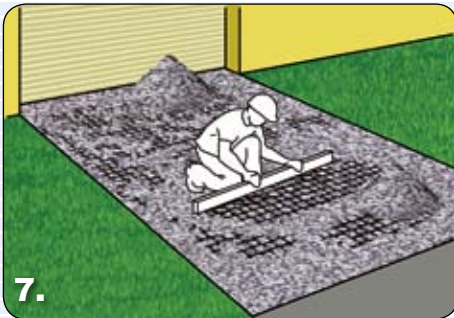
4. Lay down mixture of sand & topsoil (growing Media) to 100mm.



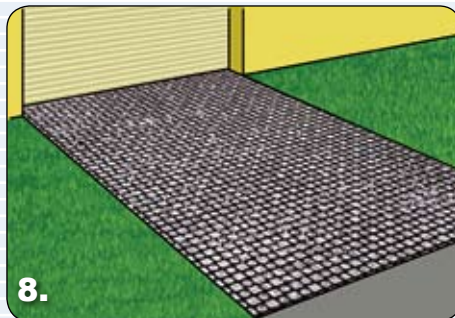
5. Compact the gravel to 100mm



6. Lay down 52mm Gravel Cell®



7. Fill Gravel Cell® reinforcement pavers with gravel size 00mm



8. Final driveway

For more information or technical assistance please call 1300 38 28 38

Note: Atlantis® products are manufactured from high quality recycled materials, carefully selected and under strict quality control procedures. The strength could vary slightly due to raw material, country of manufacture, manufacturing process and external conditions. **All trademarks are the property of Atlantis Water Management Australia.**

Safety Factors: Engineers, designers and geotechnical engineers should design and calculate safety factors to a serviceable limited state to suit specific project. In case of doubt, consult your nearest distributor or Atlantis representative.

Disclaimer: All information provided in this publication is correct to the best knowledge of the company and is given out in good faith. This information is intended only as a general guide, no responsibility can be accepted for any errors, omissions or incorrect assumption. As each project is unique, and as Rebirth Pty Ltd, Atlantis Water Management, Atlantis Corporation Pty Ltd and its distributors and agents world wide have no direct control over

the methods employed by the user in specifying, installing or supervising of its products hence no responsibility is accepted by Rebirth Pty Ltd, Atlantis Water Management, Atlantis Corporation Pty Ltd and its distributors and agents world wide. Users should satisfy themselves as to the suitability of the product for their purpose.

All product designs, and specification are subject to change without further notice. All Atlantis® products are tested in approved NATA laboratories, and safe allowed tolerances should be practised in the actual field, to compensate for any unforeseen situations, on site and on products. All material contained within this brochure is subject to copyright, and belongs to Rebirth Pty Ltd Australia. No part of this brochure may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of Rebirth Pty Ltd. Australia, Atlantis Water Management, Atlantis Corporation Pty Ltd. Copyright © 2008 by Rebirth Pty Ltd. Australia, Atlantis Water Management, Atlantis Corporation Pty Ltd. Australia.

Atlantis Water Management

HEAD OFFICE:

3/19-21 Gibbes Street, Chatswood, NSW 2067 Australia

PHONE: + 612 9417 8344 / 1300 38 28 38

FAX: + 612 9417 8311

EMAIL: info@atlantiscorp.com.au

WEB: www.atlantiscorp.com.au

Atlantis Water Management Victoria

30 Venture Drive, Sunshine, VIC 3020 Australia

PHONE: 1300 38 28 38

Agent: