Hydrapave™... a great Permeable Paving solution.

- No need to up-size culverts or water courses
- On-site natural treatment of pollutants
- Control of run-off to eliminate flooding
- Elimination of surface ponding
- Reduces potential for erosion and silt deposition
- No need for detention ponds
- Safe collection, detention and discharge with no dangerous open drains or pits
- Roof water can also be discharged into sub-base
- Can recharge ground water base flows
- Water from tanked systems available for non-potable secondary use
The System
Rather than collecting water run-off, channelling it through open drains and subsequently treating it, water engineers in many parts of the world are solving the problem at the source. This is the most cost-effective and environmentally productive approach.

The patented Hydrapave™ system allows rain water to infiltrate through small channels formed on the ends and sides of the concrete pavers, passing into a prepared sub-base. The water is then detained, filter treated and dispersed, discharged or directed for re-use.

Typical Infiltration System
Typical Tanked System

Additional Options

1. Typical and re-use
2. Infiltration and overflow
3. Tanked with additional treatment
The System Components

1 Hydrapave™
Concrete paver with a unique edge chamfer and bevel which permits butt joining. A light dressing of 3mm dia. clean aggregate should be applied during compaction.
*For available paver sizes and paver colours, please contact 1300 360 255

2 Bedding Course
50mm thickness of 5mm single size crushed aggregate.

3 Filter Fabric (Optional)
Geotextile, standard or heavy grade depending on pavement design.

4 Sub-base
Typically 350mm thickness of single size 40mm crushed aggregate, gap graded, and yielding 30% voids. Thickness may be varied depending on pavement design.

5 Perimeter Membrane
Either impermeable plastic membrane for tanked systems, or permeable Geotextile for infiltration systems.

On-site Water Treatment
The Hydrapave™ system provides effective on-site water treatment in the following ways:
• Organic matter and loam are caught on the geotextile and held in the layer of 5mm aggregate.
• Oils and heavy metals coat the surface of the organic matter and loam.
• Natural microbial filament growth in the sub-base digests low level hydrocarbon pollution.
• Severe hydrocarbon contamination can be treated by seeding with specialist microbes and slow release fertilisers.

Long Service Life & Low Maintenance
• Regular sweeping of the Hydrapave™ surface is recommended to remove leaves and debris which may inhibit the water absorption capacity.
• Occasional light power cleaning may be used to remove unsightly surface contaminants.
• Under normal conditions and appropriate light maintenance cycles as detailed above, a working life of 25 years can be expected. After this time, the pavers can be lifted and cleaned, the bedding materials and filter fabrics replaced, and the pavers re-laid to continue providing excellent service into the future.

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1. **Stock colours** Colours other than stock colours are made to order. Contact your nearest Boral Masonry office for your area’s stock colours. A surcharge applies to orders less than the set minimum quantity.

2. **Colour and texture variation** The supply of raw materials can vary over time. In addition, variation can occur between product types and production batches.

3. We reserve the right to change the details in this publication without notice.

4. For a full set of Terms and Conditions of Sale please contact your nearest Boral Masonry sales office.

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**Contact Us**

Regional sales offices

<table>
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<tr>
<th>Region</th>
<th>Details</th>
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<tbody>
<tr>
<td>NSW</td>
<td>Clunies Ross Street, Prospect, NSW 2148, Tel (02) 9840 2333, Fax (02) 9840 2344</td>
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<td>ACT</td>
<td>16 Whyalla Street, Fyshwick, ACT 2609, Tel (02) 6239 1029, Fax (02) 6280 6262</td>
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<tr>
<td>VIC</td>
<td>Unit L104, 63-85 Turner Street, Port Melbourne, VIC 3207, Tel (03) 9363 1944, Fax (03) 9363 6008</td>
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<td>SA</td>
<td>Main North Road, Pooraka, SA 5095, Tel (08) 8262 3529, Fax (08) 8260 3011</td>
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<td>QLD</td>
<td>62 Industrial Ave, Wacol, QLD 4076, Tel (07) 3271 9292, Fax (07) 3271 1581</td>
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<td>NQ</td>
<td>Cairns 8 Palmer Street, Portsmith, QLD 4870, Tel (07) 4035 1888, Fax (07) 4035 1208</td>
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<td>Townsville 360 Bayswater Road, Garbutt, QLD 4814, Tel (07) 4725 6011, Fax (07) 4725 6043</td>
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<td>Mackay David Muir Street, Slade Point, QLD 4740, Tel (07) 4955 1155, Fax (07) 4955 4130</td>
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