Humes Stormwater High-capacity Pit
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Humes Stormwater High-capacity Pit has a specialised design for New Zealand conditions, offering several unique features and benefits. The HUSH Pit is ideal for applications that require a higher flow rate capacity. Stormwater is captured through two roadside grates and two large back entry inlets under the kerb. With a total weight of 3550kg, small excavators can handle the HUSH Pit and the compact footprint makes installation easy. There is no deviation of base course, tar-seal or services required. The correct surface angles incorporated into the kerb entry design, saves time and eliminates the risk of irregularities from hand trowelling. Complies with NZS4404:2010 and is suitable for HN-HO-72 loadings.

Applications
- High flow areas
- Roadways
- Motorways
- Tight horizontal and vertical curvatures
- Narrow property frontages

### HUSH Pit Theoretical Capacity (ltr/sec)

<table>
<thead>
<tr>
<th>Grate</th>
<th>Kerb opening</th>
<th>Total theoretical</th>
<th>Design*</th>
<th>Grate</th>
<th>Kerb opening</th>
<th>Total theoretical</th>
<th>Design*</th>
<th>450mm Pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>298</td>
<td>262</td>
<td>560</td>
<td>411</td>
<td>337</td>
<td>272</td>
<td>609</td>
<td>441</td>
<td>400</td>
</tr>
</tbody>
</table>

*Based on 50% clogging of the grates

Key features & benefits
- **High inlet capacity** of 400ltr/sec – 600ltr/sec
- **Superior value** lower cost for high performance
- **Easy installation**
  - Can be handled on site by standard equipment
  - No need for expensive crane hire
  - No in situ concrete or hand work
- **Saves time on the job**
  - Installed in-line with the kerb and channel
  - No deviation of services, base course or tar-seal required
- **Consistent finish made to NZS 3109:1997**
  - No messing around with surface angles, just a level base required
- **Flexible capacity**
  - Easy adaption for multiple pit installation
  - Double the capacity with adjoining units
- **Safer for cyclists**
  - AS3996 standards marked flat ductile iron grates are easier and safer for cyclists to ride over
- **Theft resistant** grate locking system
- **No galvanized parts**
- **Can be fitted with Gross Pollutant Trap**

For further information or advice freephone 0800 502 112 or visit www.humes.co.nz

Buyers and users of the products described in this brochure must make their own assessment of the suitability and appropriateness of the products for their particular use and the conditions in which they will be used. All queries regarding product suitability, purpose or installation should be directed to the nearest Humes Sales Centre for service and assistance. Fletcher Concrete and Infrastructure Limited 2008. Printed 04/12.