WASTE AUTHORITY: OVERVIEW OF ACTION ON C&D RECYCLING

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Population:
• 2.43 million by 2026
• 3.5 million by mid-century

Waste:
• 6.1 million tonnes by 2019/20
• 9.7 million tonnes by mid-century
Achievements and Targets
Guidelines for managing asbestos at construction and demolition waste recycling facilities

IPWEA/WALGA SPECIFICATION

Specification for the supply of road making aggregates sourced from by-products of the construction and demolition industry

1 General
The material shall consist of a uniformly sized residue of coarse and fine aggregate resulting from the crushing of recycled concrete, construction and demolition material. It may contain other residues such as brick and asphalt as specified in Table 1.

2 Material classes

The material shall be specified according to the end use of the product which will be determined by the parent design traffic contribution and flow in the pavement. The recommended material classes required in a specific application are specified in Table 1.

Table 1: Material classes for pavement application

<table>
<thead>
<tr>
<th>Material Class</th>
<th>I</th>
<th>II</th>
<th>III</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aggregate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bitumen</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>mixes</td>
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</tr>
</tbody>
</table>

3 Limits on source material composition

Limits on the material composition are shown in Table 2.

Table 2: Limits on constituent material based on material class

<table>
<thead>
<tr>
<th>Source Material</th>
<th>Fine Aggregate</th>
<th>Coarse Aggregate</th>
<th>Bitumen</th>
<th>Mixes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aggregate</td>
<td></td>
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Department of Environment and Conservation
Our environment, our future

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Version: Issue for implementation = 10

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Strategic objective 4.

Use existing economic instruments to support the financial viability of actions that divert waste from landfill and recover it as a resource.

“While the low cost of landfill continues to undermine investment in alternatives, the strategy will not deliver on its targets”