DESCRIPTION

SAMIseal S45R is a preblended crumbed rubber modified binder used extensively in sprayed sealing. It is manufactured from rubber recovered from old tyres using a proprietary process that ensures a homogeneous and a storage stable product if handled correctly.

FEATURES

- The high viscosity of SAMIseal S45R allows higher binder application rates than bitumen without the risk of flushing;
- Excellent aggregate retention;
- Improved crack retardation;
- Longer seal life.

APPLICATIONS

Used in High Stress Seals (HSS), Extreme Stress Seals (XSS) and Strain Alleviating Membrane (SAM) applications.

TECHNICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>UNIT</th>
<th>TEST METHOD</th>
<th>TYPICAL VALUES</th>
<th>Specification (Austroads ATS 3110)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity at 165°C</td>
<td>Pa.s</td>
<td>AGPT/T111</td>
<td>0.9 – 1.3</td>
<td>Max. 4.5</td>
</tr>
<tr>
<td>Torsional Recovery at 25°C, 30s</td>
<td>%</td>
<td>AGPT/T122</td>
<td>29 - 47</td>
<td>25 - 55</td>
</tr>
<tr>
<td>Softening Point</td>
<td>°C</td>
<td>AGPT/T131</td>
<td>58 - 62</td>
<td>55 - 65</td>
</tr>
<tr>
<td>Consistency 6% at 60°C</td>
<td>Pa.s</td>
<td>AGPT/T121</td>
<td>950</td>
<td>Min. 800</td>
</tr>
</tbody>
</table>

STORAGE, HANDLING & USAGE

- The product requires constant circulation to maintain homogeneity;
- Never heat SAMIseal S45R above 200°C in storage;
- SAMIseal S45R may be stored for up to 2 days at a temperature of 185 - 195°C;
- For periods exceeding 2 days the temperature must be reduced to 120 - 140°C for a maximum of 4 days
- When re-heating SAMIseal S45R, heat and circulate at a maximum rate of 10°C per hour;
- A minimum pavement surface temperature of 20°C is recommended for spraying SAMIseal S45R with cutter;
- The amount of cutter would be determined by local weather conditions and SRA guidelines;
- A minimum pavement surface temperature of 45°C is recommended for spraying SAMIseal S45R without cutter
- The minimum recommended spraying temperature is 190°C.

AVAILABILITY

A minimum 6 tonnes quantity on order in all the States and Territories.