CATIONIC BITUMEN EMULSION FOR ROAD WORKS

APPLICATIONS:
Repair of roads (Road patching) in places where the road has been dug out for laying water pipes, cables, ducts... etc.
Apply thin protection coating on the road (surface dressing) which constitutes the traffic bearing surface or renew the road surface after use.
Low cost road sealing which specially used for land roads. Bonding adhesive between pavement layers to insure that the maximum load capacity of the road is achieved.
Production of cold-applied paving mixture, which is suitable for road maintenance even under humid weather conditions.

ADVANTAGES:
Cold application with simple equipment in cold and wet weather without heating and avoidance of the risk of thermal shock on the binder.
Constant viscosity, independent of temperature.
Better adhesion due to better wetting of aggregate.
Wider choice of aggregate which can be used.
Fast drying, no interruption for the traffic during application.
Reduce risk of bleeding of the binder.
Eliminates the fire hazard and abnoxious fumes.
Ensures adhesion of the binder both to the road and the aggregate.
Can be used on all surface types.
Ready-to-use and saves fuel cost.
Impregnates through the dust which may remain after cleaning the surface.
Less total cost to the lower raw materials, shorter construction time and simpler equipment.

RATE OF CONSUMPTION:

<table>
<thead>
<tr>
<th>Type of work</th>
<th>Emulsion</th>
<th>Gravel</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>L/m²</td>
<td>Size (mm)</td>
</tr>
<tr>
<td>Patching</td>
<td>1.0</td>
<td>12.5-18</td>
</tr>
<tr>
<td></td>
<td>1.5</td>
<td>3-8</td>
</tr>
<tr>
<td>Surface dressing and road sealing</td>
<td>1.0</td>
<td>2.5-5</td>
</tr>
<tr>
<td></td>
<td>1.25</td>
<td>5-8</td>
</tr>
<tr>
<td></td>
<td>1.50</td>
<td>8-12.5</td>
</tr>
<tr>
<td></td>
<td>1.90</td>
<td>12.5-18</td>
</tr>
<tr>
<td></td>
<td>2.40</td>
<td>18-25</td>
</tr>
</tbody>
</table>

Bonding Adhesive: 0.15 - 0.3 kg/m²

STORAGE:
6 months under suitable storage conditions.

PACKAGES:
200 kg.