Plastic Pavement

By: SIRATI & MacRebur
SIRATI’s Mission

SIRATI is a multi-disciplinary Canadian owned consulting engineering firm.

Since 2015; SIRATI has pushed forward with its strategy of geographical and sectoral diversification, underpinned by a focus on our five key elements: culture, clients, people, business and community.”

We are proud to be MacRebur’s plastic pavement first distributor in Canada.
MR6

- MR6 is a complex arrangement of polymers
- Enhances of bituminous binder.
- Increase the stiffness
- Deformation (rutting) resistance of asphalt mixtures Suited
- Increase the stiffness of binder and base course layers to reduce the overall thickness of pavement required.
Services Offered

- Driveway
- Road
- Parking Lot
## Benefits of using MR Products

<table>
<thead>
<tr>
<th>Performance requirement</th>
<th>MR 6</th>
<th>MR 8</th>
<th>MR 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resistance to deformation</td>
<td>Greatest improvement</td>
<td>Modest improvement</td>
<td>Significant improvement</td>
</tr>
<tr>
<td>Resistance to fracture</td>
<td>Greatest improvement</td>
<td>Depends on stress/strain level</td>
<td>Significant improvement</td>
</tr>
<tr>
<td>Resistance to moisture damage</td>
<td>Improvement</td>
<td>Moderate reduction</td>
<td>Moderate reduction</td>
</tr>
<tr>
<td>Structural contribution</td>
<td>Significant improvement</td>
<td>Moderate improvement</td>
<td>Greater improvement</td>
</tr>
<tr>
<td>Toxic fume generation</td>
<td>No effect</td>
<td>No effect</td>
<td>No effect</td>
</tr>
<tr>
<td>Hazardous leachate</td>
<td>No effect</td>
<td>No effect</td>
<td>No effect</td>
</tr>
</tbody>
</table>
Thank you!

Here to help commercialize your new discoveries.

Contact:

Archie@Sirati.ca or Daniel@Sirati.ca