Alkali Swellable Associative Thicker

TryThix D85

TryThix D85 is an acrylic emulsion for medium viscosity alkali swellable associative thickeners designed for water base paints and inks.

Main advantages of TryThix D85 thickener emulsion include the following:

- Paints based with TryThix D85 show a medium viscosity with medium flow and leveling.
- TryThix D85 has a medium high shear viscosity with paints.
- TryThix D85 shows low paint spatter and higher film build during application.
- Paints thickened with TryThix D85 are highly resistant to attack by microbes and their enzymes. Therefore eliminating viscosity loss and creating a biologically stable paint.
- Paints thickened with TryThix D85 thickener are less costly to achieve the same viscosity compared to that thickened with HEC.
- Paints thickened with TryThix D85 thickener exhibit no remarkable viscosity change in long term storage (Especially paints based on styrene/Acrylic copolymer emulsion). It is also stable under tropical and freeze-thaw condition.
- Because low dosage is enough to achieve the required viscosity. It is possible to improve the water sensitivity of paint.

### Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Solids Content</strong></td>
<td>27-29%</td>
</tr>
<tr>
<td><strong>Viscosity (25°C)</strong></td>
<td>70cPs Max</td>
</tr>
<tr>
<td><strong>Density (25°C)</strong></td>
<td>Ca 1.05</td>
</tr>
<tr>
<td><strong>pH Level</strong></td>
<td>2.5 - 4</td>
</tr>
<tr>
<td><strong>Ionic charge</strong></td>
<td>Anionic</td>
</tr>
</tbody>
</table>

### Safety and Handling

TryThix D85 is slightly irritating to the skin and eyes. Avoid contact with skin and eyes. When handling, wear impervious rubber gloves and goggles/face mask.

A safety shower or eye wash station should be made available in the event of unnecessary contact. Further detailed information can be found in the MSDS sheet.

### Packaging

- 200Kg drums
- Store in closed container at 5-40°C