Alkali Swellable Associative Thickener

**TryThix D50**

TryThix D50 is an acrylic emulsion for medium viscosity alkali swellable associative thickeners designed for water base paints and inks.

Main advantages of TryThix D50 thickener include the following:

- Paints based with TryThix D50 show a low viscosity with excellent flow and leveling.
- TryThix D65 has a high shear viscosity with paints.
- TryThix D50 shows low paint spatter and higher film build during application.
- Paints thickened with TryThix D50 are highly resistant to attack by microbes and their enzymes. Therefore eliminating viscosity loss and creating a biologically stable paint.
- Paints thickened with TryThix D50 thickener are less costly to achieve the same viscosity compared to that thickened with HEC.
- Paints thickened with TryThix D50 thickener exhibit no remarkable viscosity change in long term storage. 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**

- **Solids Content**
  - 28-30%
- **Viscosity (25°C)**
  - 70cPs Max
- **Density (25°C)**
  - Ca 1.05
- **pH Level**
  - 2 -3.5
- **Ionic charge**
  - Anionic

**Safety and Handling**

TryThix D50 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