

## JAC D 650

## TECHNICAL DATA SHEET

### **Product Description:**

JAC-D 650 is hydrophobically modified alkali swellable thickener (HASE), it gave medium flow and thixotropy behavior to the final paint, suitable for interior silk to gloss finishes.

### **Typical Properties:**

Chemical Composition	: Acrylic Emulsion Copolymer
Appearance	: Milky White with Blue Tint
Viscosity (cps) Sheen VM1/VM2 @25 (° C)	: 20 - 150
Solid Content %	: 30±2
pH	: 3 – 5
Specific Gravity (g/cm <sup>3</sup> )	: 1.00 - 1.10
Colloidal charge	: Anionic

### **Applications & Procedures:**

1. **JAC-D 650** can be used as a thickener in water- based systems
2. It should be diluted with water prior to addition of alkaline.
3. Final pH should be more than 7.5; pH above 10 is undesirable as properties may change.
4. Low – Shear mixing is preferable to avoid foaming.
5. Can be used in combination with cellulosic thickeners.
6. Dosage 0.05%-0.3%

### **Storage Stability:**

- Stable for 12 months at the appropriate storage conditions (15 – 30 C°).
- Avoid frost and direct heat.

### **Please note: -**

All statements are based on exact investigations in our laboratories and are gained from practical experience. Thus this can only be an informal advice. We recommend finding out through your own tests whether the product meets the appropriate requirements. Due to the variety of materials on the market and the different processing methods, which are not influenced by us, we cannot guarantee for consequential damages.