



## DeCAL 1107E

### Associative Thickener and Rheological Control Agent.

**DeCAL 1107E** is a high efficiency modified acrylic copolymer emulsion in water. This high molecular weight hydrophobic polymer provides a rheological control effect through extensive swelling and association in alkaline conditions. This product improves flow and leveling performance whilst retaining high thickening efficiency. The use of **DeCAL 1107E** also provides improved sag resistance and anti-settling and gives much less spattering in paints applied by roller.

Applications/benefits: -

*High PVC emulsion paints  
Acrylic sealants/fillers  
Low cost wood treatments  
Spray applied systems*

*High low shear viscosity & high structure  
Pseudoplastic rheology  
Anti-settlement  
Easy handling & flexible addition  
Colourant flocculation resistance  
Microbiological attack resistance  
Electrolyte tolerance*

#### 1. Typical Properties.

Appearance:	White liquid (emulsion)
pH:	3.0
Solid content:	30%
Viscosity at 25°C:	25cps (Brookfield RVT @ 100 rpm)
Density at 20°C:	1.05 g cm <sup>-3</sup>

#### 2. Safety & Handling.

**DeCAL 1107E** should be handled in accordance with good industrial practice. Detailed information is provided in the Safety Data Sheet.

We hope this information will be of value and if necessary we will be glad to offer additional technical advice. Please note that all our information is given in good faith, we can assume no responsibility for any liability incurred. Data and results should be confirmed by the Buyer by testing the product under its intended conditions of use.

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