

VISCOPOL™ 7788 is a fine particle size adhesion propomte pure acrylic emulsion.

### SOLVENT COMPOSITION

Water

### TYPICAL PROPERTIES

**Appearance:** White opaque liquid

STM 017A

**Non-volatile content:** 50 %

DIN EN ISO 3251

**Dynamic Viscosity (Brookfield) DIN EN ISO 2555:** 150 mPa.s

DIN EN ISO 2555, ASTM D 2196  
(1; 50 1/min; 25 °C)

**pH (20 - 25 °C):** 8.5

STM 007A

**Density:** 1.04 kg/dm<sup>3</sup>

DIN 53217

**MFFT:** 18 °C

ASTM D 2354, STM 087A

**Particle size:** 150 nm

STM 016A

### KEY BENEFITS

- Excellent gloss retention shown in early and extended weathering
- A high level of mechanical stability.
- Reduced tendency to generate foam either during handling and transportation or during coating production.

### TECHNICAL FEATURES

VISCOPOL™ 7788 has been designed to produce a wide range of exterior and interior coatings. Its excellent exterior durability, combined with its exceptional wet adhesion performance even under adverse conditions of wet and cold weather, make this an ideal top quality coating vehicle.

VISCOPOL™ 7788 has undergone a rigorous testing programme, many of the commercially available latex paint additives, including urethane thickeners and alkali soluble flow promoters, have been included in these evaluations. This range is extensive and therefore special consideration has been given to VISCOPOL™ 7788 to ensure a high degree of chemical compatibility is intrinsic in this product. Many emulsion products included in our comparative evaluation did not show this level of chemical compatibility.

### APPLICATION

VISCOPOL™ 7788 has been specifically developed for quality high gloss exterior emulsion paints where advantage can be taken of its exceptional durability, gloss, flow and wet adhesion characteristics.

VISCOPOL™ 7788 will allow the paint formulator a wide degree of flexibility as it is well suited for use in vinyl, satin, flat and roof paints where its excellent mar resistant properties, durability and flow can be utilised.

### STORAGE

VISCOPOL™ 7788 should be stored under cover, out of direct sunlight and avoiding extreme temperature changes. Under normal storage conditions (5 – 35°C, away from extremes) sealed, unopened containers of this material would have a shelf life of 12 months from the date of manufacture. If stored for longer than 12 months, product must be rechecked for suitability in the intended application.

### SAFETY

Refer to Safety Data Sheet before handling or use.