

## AGAPOL® ACP 37

AGAPOL® ACP 37 is an aqueous acrylic copolymer, which has a very good blushing resistance and excellent compatibility with fillers with high pigment capacity. It is designed for high performance, water-based coatings in a variety of exterior and interior applications, wood coatings and wood stains. It exhibits high water resistance, superior blocking resistance, scrub resistance, alkali-resistance, crack, chalk and dirt pick-up resistance, very good exterior durability, reduced water permeability, good compatibility with alkyd emulsions and a very good wet / dry adhesion. It also provides high gloss and tint retention.

### **Chemical Composition**

Acrylic - Acrylic Acid Ester Copolymer

### **Technical Data**

<b>Specifications</b>	<b>Value</b>	<b>Method</b>
Solid Content (%)	45 ± 1	EN ISO 3251
pH (25 °C)	7 - 9	ISO 976
Viscosity (Brookfield RVT) (25 °C)	< 500 mPa.s (spindle: 2/20 rpm)	EN ISO 2555
Density (g/cm <sup>3</sup> ) (20 °C)	1.02 - 1.07	EN ISO 2811 - 1
Average Particle Size (µm approx.)	0.07	Malvern Mastersizer
Stabilizing System	Anionic - Nonionic	
Minimum Film Forming Temperature (°C)	16 ± 1	ISO 2115
Glass Transition Temperature, T <sub>g</sub> (°C)	Approx. 22	ISO 11357-2
Appearance of the Film	Medium flexible, transparent	

### **Application Areas**

- High quality interior and exterior paints
- Wood stains and varnish applications
- Plasters and putties

### **Shelf Life And Storage Conditions**

The emulsion should be kept in the original containers or in stainless steel, aluminum or plastic tanks. Steel tanks with a corrosion-proof lining can also be used. The containers should be kept closed to prevent water evaporation. It is recommended to store the product above +5°C and below +30°C. In these conditions, it can be kept for 12 months with no significant loss of its properties, but it cannot be guaranteed for longer.

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