

# ORGAL<sup>®</sup> PST 50 A

## Styrene Acrylic Copolymer

1/11

### INTRODUCTION

**Orgal PST 50 A** is an APEO free, universal styrene acrylic copolymer emulsion that forms clear, hard and glossy films when dried above 20°C. **Orgal PST 50 A** has very good scrub resistance and water resistance, high pigment binding capacity and a very broad range of formulating capabilities.

### TYPICAL PROPERTIES

Appearance	Opal white viscous emulsion
Solid Content % $\pm 1$	50
Viscosity (Brookfield RVT 5/20)	7.000 - 11.000 cps
pH	7.5 - 9.0
Density (25°C, g/cm <sup>3</sup> ) $\pm 0.01$	1.03
MFFT (°C) $\pm 1$	20
T <sub>g</sub> (°C) $\pm 1$	20
Storage Stability	Protect from freezing

### APPLICATION PROPERTIES

**Orgal PST 50 A** is a universal paint binder suitable for most flat to semigloss paints for interior and exterior, high build textured coatings, quartz coatings, sealers, sealants, moisture barrier coatings and a variety of application areas.

- APEO free
- Excellent scrub resistance
- Excellent water resistance
- Excellent pigment binding
- Excellent adhesion
- Broad range of applications

### PRODUCT HANDLING – STORAGE – SHELF LIFE

To ensure safe storage of this emulsion, containers should be well sealed to prevent the water evaporation and skin forming. The emulsion must be stored between 5-25°C for a maximum of 12 months and freezing must be avoided.