ORGAL® PST 100

Styrene Acrylic Copolymer

INTRODUCTION

Orgal PST 100 is an APEO free, universal styrene acrylic copolymer that forms clear, hard and glossy films when dried above 20°C. ***Orgal PST 100*** has very good scrub resistance due to its high pigment binding capacity. It shows excellent rheology performance when formulated with polyurethane based thickeners. Paints formulated with Orgal PST 100 shows higher color strength when tinted with universal and waterbased type of colorants.

TYPICAL PROPERTIES

Appearance	Opal emulsion
Solid Content % ± 1	50
Viscosity (Brookfield LVT 3/60)	2000 - 4000 cps
pH	7.5 - 9.0
Density (25°C, g/cm^3) ± 0.01	1.03
MFFT (°C) ± 1	20
T_g (°C) ± 1	20
Storage Stability	Protect from freezing

APPLICATION PROPERTIES

Orgal PST 100 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.

- Excellent scrub resistance
- Excellent color strength with broad range of tinting systems
- Excellent thickener response with associative thickeners
- Excellent water resistance
- Excellent alkaline resistance that reduce efflorescence
- Excellent pigment binding
- Excellent adhesion on mineral substrates

PRODUCT HANDLING – STORAGE – SHELFLIFE

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.