

ORGAL[®] P 839 W

Acrylic Polymer

1/20

INTRODUCTION

Orgal P 839 W is an APEO and formaldehyde free, acrylic polymer designed for high performance coatings in a variety of exterior and interior applications, wood coatings, wood stains and various other applications. An extremely hydrophobic film leads to formulations showing very high water resistance and reduced water permeability.

TYPICAL PROPERTIES

Appearance	Opal white emulsion
Solid Content % \pm 1	46
Viscosity (Brookfield LVT 3/60)	50 – 500 cps
pH	7.5 - 8.5
Density (25°C,g/cm ³) \pm 0.01	1.05
MFFT (°C)	17
Film Properties	Transparent, hard, brilliant
Storage Stability	Protect from freezing

APPLICATION PROPERTIES

Orgal P 839 W offers several unique advantages in water based coatings:

- Improved Liquid Water Permeability (EN 927-5)
- Wet and Dry adhesion
- Excellent Exterior durability
- Crack, Chalk and Alkali Resistance
- Gloss and Tint Retention
- Alkyd Compatibility
- Excellent Rheology Modifier Response
- In-can Clarity (Wood Stains)
- Formaldehyde and APEO Free

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.