

ORGAL[®] P 036V EU

Acrylic Polymer

1/18

INTRODUCTION

Orgal P 036V EU is a low emission, APEO, ammonia and formaldehyde free acrylic polymer specifically designed for use in solvent-free interior and/or exterior matt to semi-gloss wall paints with low odour. In the formulation of low VOC and solvent-free paints, a good film forming can be achieved without a coalescing agent.

Orgal P 036V EU does not require labeling with EUH-phrase 208.

TYPICAL PROPERTIES

Appearance	White emulsion
Solid Content % \pm 1	50
Viscosity (Brookfield LVT 3/60)	500 cps max
pH	8.0 - 9.0
Density(25°C, g/cm ³) \pm 0.01	1.05
MFFT (°C)	<3
T _g (°C)	0
Storage Stability	Protect from freezing

APPLICATION PROPERTIES

Due to its excellent mechanical stability, blister resistance, extraordinary adhesion, freeze-thaw stability and resistance to abrasion under wet conditions, **Orgal P 036V EU** can be used for both exterior and /or interior applications with good block resistance, easy stain removal and low dirt pick-up. The VOC free paints made with **Orgal P 036V EU** give outstanding scrub resistance compared to the other solvent-free binders with excellent mud-crack resistance in solvent free formulations event at high PVC ranges.

- Coalescent and solvent free film formation
- Excellent mud-crack resistance
- Outstanding scrub resistance
- Low dirt pick-up
- Excellent exterior durability
- High pigment-binding capacity
- Ammonia, formaldehyde and APEO
- Low residual monomer levels and low odor
- Excellent freeze-thaw stability

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 6 months and freezing must be avoided.