

ORGAL[®] K 6987

Acrylic Emulsion with Highly Hydrophobic Characteristic

1/12

INTRODUCTION

Orgal K 6987 is an APEO free, 100% acrylic emulsion polymer designed for high performance coatings in a variety of exterior and interior applications. Being an extremely hydrophobic and tough polymer, paints and clear coatings based on **Orgal K 6987** exhibit outstanding water resistance and adhesion onto porous substrates, early wash-off (rain) resistance, as well as very good block, abrasion and dirt pick-up resistances.

TYPICAL PROPERTIES

Appearance	Opal white emulsion
Solid Content % \pm 1	46
Viscosity (Brookfield LVT 2/60)	500 cps max
pH	7.5 - 8.5
MFFT (°C)	14
T _g (°C)	21
Film Properties	Transparent, hard, brilliant
Storage Stability	Protect from freezing

APPLICATION PROPERTIES

Coatings based on **Orgal K 6987** show excellent penetration on porous substrates, reducing the water absorption on the surface and enhancing the durability of the applied substrate. Due to its highly hydrophobic characteristic an additional water repelling additive is not required for desired performance. The coatings offer several unique advantages:

- Wet and Dry adhesion
- Excellent Exterior durability
- Early Wash-off Resistance
- Water Resistance
- Abrasion - Scratch Resistance
- Crack, Chalk and Alkali Resistance

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.

Important Notice: This information is based on our present state of knowledge and is intended to provide general notes on Organik Kimya Products and their uses. It should not therefore be construed as a guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.