

ORGAL[®] K 640 R

Styrene Acrylic Copolymer

1/14

INTRODUCTION

Orgal K 640 R is an APEO, ammonia and formaldehyde free, low T_g , styrene acrylic copolymer emulsion that forms a clear, elastic and slightly tacky film when dried above 0°C which is compatible with cement mixtures showing excellent adhesion, flexibility, durability and water resistance.

TYPICAL PROPERTIES

Appearance Solid Content % ± 1 Viscosity RVT 3/20 pH Density (25°C, g/cm³) ± 0.01 MFFT (°C) T_g (°C) Storage Stability White emulsion 57 800 - 1200 cps 7.0 - 9.0 1.04 < 0 - 10 Protect from freezing

APPLICATION PROPERTIES

Orgal K 640 R is especially suitable for the formulation of moisture barrier coatings, roof coatings, sealants and two component cement based roof coating systems.

- Compatible with cement mixtures
- Water resistance
- Excellent adhesion
- Excellent flexibility

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.

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.