

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