

# ORGAL<sup>®</sup> 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 % $\pm 1$	57
Viscosity RVT 3/20	800 - 1200 cps
pH	7.0 - 9.0
Density (25°C, g/cm <sup>3</sup> ) $\pm 0.01$	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.