

## COALREX HIGH-PERFORMANCE COALESCER VOC FREE

### What is COALREX?

COALREX is a very low VOC Coalescer, since only 10 % evaporates and 90% remains on the film along with the Paint or Coating emulsion as it dries.

### COALREX competitive advantages are:

- Has very low evaporation rate.
- Low dosage starting from 0.5% to 1.5% Low odor
- It doesn't form molecular gaps
- It is compatible with all water- based resins.
- Dosage rate: 1-5% over total formulation
- Improves some mechanical properties such as brightness and scrub resistance.

### Other benefits of Using COALREX

COALREX is biodegradable and has high thermal hydrolytic and pH stability. Compared to competitors and has the following improved characteristics in water-based coatings.

Characteristics in water-based coatings:

- Low odor
- Reduction of MFFT (minimum film forming temperature)

### PRODUCT COMPARISON-EVAPORATION RATE

Product	Dosage	Evaporation Rate
CoalRex	0.5%-1.5%	0%
Competitors	2%-10%	90%

### PRODUCT COMPARISON- PROPERTIES AND DOSAGE

Properties	CoalRex @ 0.5%	Competitor @ 5%
Compatibility	Good	Good
Hardness	Excellent	Good
Adhesion	It is maintained	It is maintained
Brightness	Improvement	Regular
Abrasion	Improvement	Regular