



EAGLE CHEMICALSTM
RENEWS YOUR YOUTH LIKE THE EAGLE



C-EAGLE (SA 65/50) 50%

Styrene Acrylic Emulsion For Elastomeric Coatings

C- EAGLE (SA 65/50) 50% is an APEO free styrene acrylic copolymer emulsion designed for flexible coatings. It gives the formulator access to a general purpose coating for metal and any roofing surfaces suitable for moderate climates.

APPLICATIONS

Recommended for general purpose flexible coatings and for any roofing surfaces including metal, galvanized steel and bitumen

CHARACTERISTICS

- APEO free latex
- Elastomeric properties
- Good wet scrub resistance
- Strong adhesion to various substrates with elongation up to 400%
- Excellent water and alkali resistance
- Resistance to freeze –thaw weathering
- Superior roof protection by offering good reflection of damaging sunrays

PROPERTIES

Solids	50 ± 1 %
PH Value	7.5 – 9.5
Viscosity ,B. d. 5/20- cps	3000 - 10000
Particle size- microns	0.1- 0.3 µm
MFFT	0 – 3° C
Stabilizer	Surfactants

GUIDE FORMULATION - PVC 25%

Raw material	Kg
Water	130.0
WD-EAGLE (AS 4/40)45%	6.0
Texanol	5.0
Propylene glycol	5.0
Anti-foaming agent	1.0
Tylose thickener H 30,000	3.0
Ammonia	2.0
Titanium dioxide	90.0
Talc powder 25 µm	50.0
CaCO ₃ 7 µm	125.0
C-EAGLE (SA 65/50) 50%	580.0
Anti-foaming agent	1.0
Biocide	2.0
TOTAL	1000.0



PAINT EVALUATION

1- Physical & Appearance properties

Color	White
Solid Content	56%
Density	1.23 kg/l
PH	7
Viscosity	45000 cp



2- Optical properties

Test by gloss meter @ 60°	Result
Gloss : test on tin panel @ 250 µ	25.8
Whiteness: test on tin panel @ 250 µ	79
Opacity : test on tin panel @ 250 µ	86.2

3- Mechanical properties

Test by Xenon test chamber- Q-SUN	Result
Elongation test after 150 hrs	Passed