



EAGLE CHEMICALSTM
RENEWS YOUR YOUTH LIKE THE EAGLE



C-EAGLE (PA16/50) 50%

C-EAGLE (PA16/50) 50% is a Plasticizer-free pure acrylic dispersion , 50% solids.

APPLICATIONS

It is recommended for high performance matt, sheen and semi-gloss interior and exterior paints

CHARACTERISTICS

- Good gloss capability
- Very good dirt pick up resistance
- Superior alkali and efflorescence resistance
- High degree of crack resistance
- Excellent adhesion to wood and alkyd repaint surfaces in wet and dry conditions.
- Good scrub resistance allowing exterior durability

PROPERTIES

| | |
|------------------------|--------------------------------|
| Monomers | Acrylic acid ester |
| Stabilizer | Surfactants |
| MFFT | approx. 18°C |
| Particle size- microns | <0.1 |
| pH at 23°C | 8-9 |
| Density at 23°C | approx. 1.06 g/cm ³ |
| Viscosity at 23°C | < 1000 cps |
| Total solids % | 50±1 % |

GUIDE FORMULATION

Semi Gloss Emulsion Paint – 40% Binder

| Raw Material | Kg | Remarks |
|-------------------------------|--------|----------------------------|
| Water | 235.6 | |
| Tint AYD | 0.3 | |
| Tetra potassium pyrophosphate | 2.6 | Wetting agent |
| WD-EAGLE (AS 4/40) 45% | 4.0 | EAGLE dispersing |
| Texanol | 10.0 | Coalescence aid |
| D.B.P | 4.0 | Plasticizer |
| HF Antibacterial | 2.0 | |
| Anti foam GBR | 3.0 | Anti-foaming agent |
| Tylose H 30.000 YP2 | 4.0 | Thickener (HEC) |
| Ammonia | 2.5 | |
| Titanium dioxide | 230.0 | Crystal C128 |
| EJ2 | 95.0 | Calcium carbonate 30 μ |
| C-EAGLE (PA 16/50) 50% | 400.0 | EAGLE binders |
| FX 1070 | 2.0 | PU –thickener |
| GBR | 3.0 | Anti-foaming agent |
| HF Antibacterial | 2.0 | Preservative |
| Total | 1000.0 | |



PAINT EVALUATION

QUV of Semi-gloss emulsion paint – 40% binder

