



EAGLE CHEMICALSTM
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C-EAGLE (PA17/50) 50%

C-EAGLE (PA17/50) 50% is a plasticizer-free all acrylic (pure acrylic) emulsion, 50% solids.

APPLICATIONS

It is recommended for high dirt pick up, exterior and interior coatings with excellent UV and alkaline resistance.

CHARACTERISTICS

- Excellent dirt pick up resistance
- Excellent resistance towards UV radiation
- Excellent storage stability at elevated temperatures
- Excellent gloss capability

PROPERTIES

Solid content (DIN 53 189/ISO 1625)	50 ± 1 %
Viscosity (ISO 2555; 23°C) Brookfield RVT, sp 3, rpm 20 min-1	500 - 2000 cP
Density @23°C (ISO 8962)	Approx. 1.06 kg/l
PH value @23°C (DIN 53 785 / ISO 1148)	7.5 – 9
Mean particle size	0.06 µm
MFFT	16 ± 1 °C

GUIDE FORMULA

Raw material	(k.gm)	Remarks
1- Water	264	
2- Tetra potassium pyrophosphate	2.6	Wetting agent
3- WD-EAGLE (AS4/40)	4.0	Eagle dispersing
4- Anti foam GBR	3.0	Anti foaming
5- Tylose H 30.000 YP2	4.0	Thickener (HEC)
6- Ammonia	2.4	
7- Titanium dioxide	200	Crystal C128
8- Talc powder	100	
Grind for 20-30 min up to fineness		
9- C-EAGLE (PA17/50)	400	Eagle binders
10- D.B.P	4.0	Plasticizer
11- GBR	3.0	Anti foam
12- HF Antibacterial	3.0	Preservative
13- Texanol	10.0	Coalescence aid
Total	1000	

PAINT SPECIFICATION

Optical & Mechanical Tests:

1- Gloss based on 57% binder:

At suitable angle (200µm wet) @25°C (ASTM D523)

Resin code	1 Day	3 Days	1 Week
C – Eagle (PA17/50) 50%	65	64	63

2- Washability based on 10% binder:

On black plastic panel @300µ wet @25°C ASTM D2486:

Resin code	Results
C – Eagle (PA17/50) 50%	1650 cycles

3- Dirt pickup based on 40% binder:



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Factories

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