



TERPOLYMER EMULSION BINDERS



EAGLE CHEMICALSTM
RENEWS YOUR YOUTH LIKE THE EAGLE

TERPOLYMER EMULSION BINDERS

Terpolymer emulsion binders for decorative coatings are aqueous dispersions of vinyl acetate, veova and acrylic monomers

CHARACTERISTICS

- High gloss retention & consistency.
- Tough and flexible film.
- Good shear stability.
- Excellent efflorescence resistance.
- Excellent cement compatibility.
- Good water resistance.
- Good response to associative thickeners.

APPLICATIONS

EAGLE (VVA23/50) 50%

Economic exterior & interior decorative and textured coatings.

EAGLE (VVA25/50) 50%

High PVC exterior & interior paints and textured coatings.

EAGLE (VVA28/55) 55%

High solid emulsion binder for gloss to high PVC coatings.

PROPERTIES

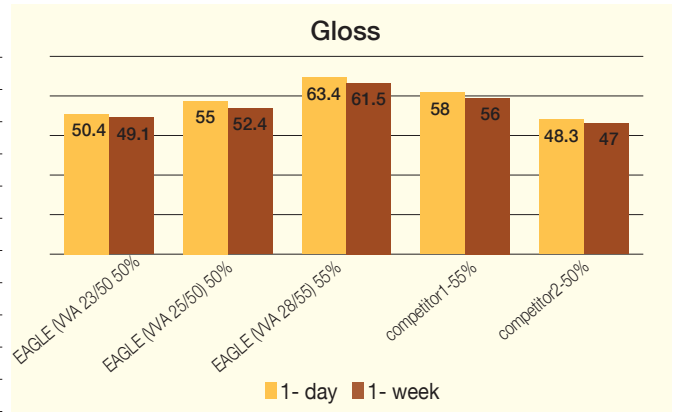
Products	MFFT °C	Particle size	pH	Density	Viscosity cp at 23 °C	Total solid
EAGLE (VVA23/50) 50%	12 °C	0.2-0.6 μ	4-5	1.05	500-3000	50±1 %
EAGLE (VVA25/50) 50%	12 °C	0.2-0.6 μ	4-5	1.05	500-3000	50±1 %
EAGLE (VVA28/55) 55%	12 °C	0.3-0.7 μ	4-5	1.05	1000-3000	55±1 %



TERPOLYMER EMULSION BINDERS

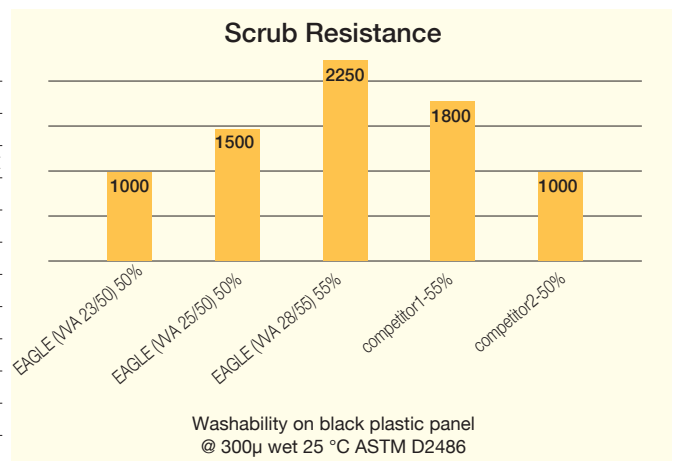
GUIDE FORMULATION Gloss emulsion paint - 57 % binder

Raw material	Kg	Remarks
Water	183.6	
Tint AYD	0.30	
Tetra potassium pyrophosphate	2.60	Wetting agent
WD-EAGLE (AS 4/40) 45%	4.00	EAGLE dispersing agent
Anti foam GBR	3.00	Anti foaming agent
Tylose H 30.000 YP2	4.00	Thickener (HEC)
Ammonia	2.50	
Thicken for 10-15 min @low speed		
D.B.P	4.00	Plasticizer
Titanium dioxide	210.0	Crystal C128
Grind for 20-30 min @ high speed		
C-EAGLE (VVA28/55) 55%	570.0	EAGLE Binder
Texanol	10.0	Coalescence aid
GBR	3.00	Anti foaming agent
HF Antibacterial	3.00	Preservative
Mix for moderate speed for 15 min		
Total	1000	



GUIDE FORMULATION Emulsion paint - 10 % binder

Raw material	Kg	Remarks
Water	323.0	
Tetra potassium pyrophosphate	0.10	Wetting agent
WD-EAGLE (AS 4/40) 45%	1.40	EAGLE dispersing agent
Anti foam GBR	1.50	Anti foaming agent
Tylose H 30.000 YP2	3.00	Thickener (HEC)
Ammonia	2.00	
Thicken for 10-15 min @low speed		
Titanium dioxide crystal	30.00	
ET 2	115.0	Talc powder 25 μ
EJSF	150.0	CaCO3 7 μ
Aluminum silicate	15.00	
Britex	50.00	Kaolin
EJ 2	200.0	CaCO3 30 μ
Grind for 20-30 min @ high speed		
C-EAGLE (VVA 28/55) 55%	100.0	EAGLE Binder
Anti foam GBR	1.50	Anti foaming agent
HF Antibacterial	3.50	Preservative
Texanol	4.00	Coalescence aid
TOTAL	1000.0	



Head Office

72 B, Hegaz St., Roxy, Cairo, Egypt
Tel .: 0020 -2 -22596601/2/9
Fax.: 0020 -2 -22596612

Factory

Industrial Zone # 2, Part no. 233,
6th October, Egypt
Tel .: 0020 -2 -38329871/2
Fax.: 0020 -2 -38311481

Export Marketing

P.O. Box: 25/6th October, Egypt
Tel .: 0020 -2 -38329871/2 EXT: 112/114
Fax.: 0020 -2 -38345407
E-mail: marketing@eagle-chemicals.com

Local Marketing

72 B, Hegaz St., Roxy, Cairo, Egypt
Tel .: 0020 -2 -22596601/2/9
Fax.: 0020 -2 -22596612
E-mail: local-marketing@eagle-chemicals.com