

StanChem SC 6508

Description:

StanChem SC 6508 is an acrylic copolymer emulsion designed for exterior latex paints where wet adhesion is desired. Use of SC 6508 imparts improved adhesion to chalky and weathered surfaces.

Typical Physical Properties:

Type:	Acrylic Copolymer Emulsion
Solids by weight:	55.0 – 57.0 %
Viscosity @ 25°C:	500 - 1000 cps
pH @ 25°C:	8.5 – 9.5
Density:	8.80 +/- 0.10 lbs/gal
Ionic Charge:	Anionic
Tg (DSC)	12°C

Storage: SC 6508 is stable for at least 12 months from manufacturing date when stored between 5°C-40°C in appropriate containers.

WARRANTY:

Seller warrants that its product will meet the specifications which it sets for them. Seller's responsibility under this warranty will be limited solely to replacing the products which prove defective, provided that the Buyer gives Seller prompt notice in writing of said defect. Products may be returned to Seller only after written authorization has been obtained from Seller. The foregoing warranty is in lieu of all other warranties, whether oral, written, express, implied or statutory. IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WILL NOT APPLY. Technical or other advice is furnished by us solely as an accommodation and shall not increase the scope of our responsibilities or liability. Seller's warranty obligations and Buyer's remedies hereunder are solely and exclusively as stated herein: In no event will Seller be liable either for the labor and other associated costs incurred in replacing the product, including, but not limited to, its removal and application, or for other incidental or consequential damages.



StanChem SC 6508 White Exterior Semi-Gloss Enamel

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
100.0	12.00	Water		Dissolve HEC completely before continuing
3.0	0.27	Natrosol Plus 330	Ashland	
25.9	3.00	Propylene Glycol		Add separately & in order under good agitation
2.0	0.22	Proxel AQ	Lonza	
6.0	0.65	Tamol 731	Dow	
1.0	0.13	AMP-95	Dow	
2.0	0.23	Byk 024	Byk Chemie	
150.0	4.50	Tronox® CR-828	Tronox	Add slowly under good agitation
100.0	4.61	Minex 10	Sibelco	Increase speed and disperse to 6+ Hegman
446.4	50.73	StanChem SC 6508	StanChem	Continue adding with good agitation
151.3	18.16	Water		
2.0	0.23	Byk 024	Byk Chemie	
12.5	1.58	Texanol	Eastman	
10.0	1.03	Polyphase AF1	Troy	
14.0	1.62	Rheobyk L-100	Byk Chemie	Add slowly under agitation
4.8	0.55	Rheobyk TVS-VF	Byk Chemie	Premix and add under agitation to adjust viscosity and rheology
<u>2.4</u>	<u>0.28</u>	Propylene Glycol		
1037.3	100.00	Total		

Formulation Parameters

Weight Solids	50.26%
Volume Solids	38.08%
Density	10.37 lbs/gal
Pigment Volume Concentrate	25.36%
Pigment / Binder	1.00
VOC, g/l	131
VOC, lbs/gal	1.09

Typical Paint Properties

pH	8.0 – 9.0
Viscosity (Stormer, 25C, KU)	105 – 115
Gloss (60°, 2 mils DFT on Leneta)	19 (measured)

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