

StanChem

polymers

StanChem SC 6862

Description:

StanChem SC 6862 is a 100% acrylic copolymer emulsion designed for durable architectural paints. Coatings manufactured with SC 6862 will exhibit excellent weatherability, good flexibility and excellent wet adhesion.

Typical Physical Properties:

Type:	Acrylic Polymer
Solids by weight:	49.5 – 50.5%
Viscosity* @ 25°C:	50-800 cps
pH @ 25°C:	9.2 – 10.0
Density:	8.90 ± 0.10 lbs/gal
Tg (DSC):	12°C

*Brookfield RVT, #4 Spindle @ 20 RPM

Storage: SC 6862 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 6862 White High Gloss Trim Enamel

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
40.0	4.80	Water		Add ingredients separately and in order under good agitation
7.0	0.80	Tamol 165A	Dow	
3.0	0.36	Dowsil 65	Dow	
200.0	5.86	Ti-Pure R-706	Chemours	Add slowly under good agitation
3.0	0.33	Acrysol RM-2020NPR	Dow	Increase speed and disperse to 7+ Hegman
550.0	61.80	StanChem SC 6862	StanChem	Add to letdown tank under good agitation
132.1	15.86	Water		Add grind at this point
27.5	3.30	Water		Premix and add with good agitation
27.5	3.63	Glycol Ether DPnB	LyondellBassell	
10.0	0.55	Acematt TS-100	Evonik	Add slowly with good vortex, and mix 15-20 minutes before continuing
15.0	1.64	Acrysol RM-2020	Dow	Add with good agitation to adjust viscosity and rheology
<u>10.0</u>	<u>1.09</u>	Acrysol RM-8W	Dow	
1025.1	100.00	Total		

Formulation Parameters

Weight Solids	48.31%
Volume Solids	37.33%
Density	10.25 lbs/gal
Pigment Volume Concentrate	17.63%
Pigment to Binder	0.76
VOC, g/l	81
VOC, lbs/gal	0.67

Typical Paint Properties

pH	8.0 – 9.0
Viscosity (Stormer, 25C, KU)	95 – 105
Gloss (3 mils wet, on Leneta)	20 - 35

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