

StanChem

polymers

StanChem SC 6910

Description:

StanChem SC 6910 is a small particle size Styrene acrylic emulsion that can be used as a binder for sealers and pigmented coatings on concrete requiring hydrostatic pressure resistance. SC 6910 provides excellent early water resistance and blush resistance.

Typical Physical Properties:

Type:	Styrene Acrylic
Solids by weight:	44.0 – 46.0 %
Viscosity* @ 25° C:	< 1000 cps
pH @ 25° C:	7.0 – 8.0
Density:	8.70 ± 0.10 lbs/gal
Tg (DSC):	40°C
Particle Size:	80 – 130 nm

*Brookfield RVT, #4 Spindle @ 20 RPM

Storage: SC 6910 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 6910 White Masonry Waterproofing Enamel

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
90.0	10.80	Water		Add ingredients separately and in order under good agitation
15.0	1.64	Nuosperse FX 665	Elementis	
3.0	0.38	AMP-95	Dow	
3.0	0.36	Airex 901W	Evonik	
3.0	0.34	Surfynol PSA 336	Evonik	
150.0	4.50	Tronox CR-828	Tronox	Add slowly under good agitation
150.0	6.65	Omyacarb 3LF	Omya	
15.0	0.32	Zoco 103 (Zinc Oxide)	Zochem	Disperse to 6+ Hegman
555.6	63.86	StanChem SC 6910	StanChem	Add separately to letdown tank with good agitation
2.0	0.22	Proxel AQ	Lonza	Add grind at this point
3.0	0.40	Ammonium Hydroxide		
28.3	3.40	Water		Premix and add with good agitation
50.0	6.32	Texanol	Eastman	
6.0	0.69	Acrysol RM-12W	Dow	Add slowly with agitation to adjust viscosity and rheology
1.0	0.11	Acrysol RM-8W	Dow	
1074.9	99.99	Total		

Formulation Parameters

Weight Solids	53.49%
Volume Solids	39.71%
Density	10.75 lbs/gal
Pigment Volume Concentrate	29.71%
VOC, g/l	137
VOC, lbs/gal	1.14

Typical Paint Properties

pH	9.0 – 10.0
Viscosity (Stormer)	120 – 130 KU
*passes ASTM D 7088-04	30 minutes @ 12 psi

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