



## StanChem SC 6933

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### Description:

StanChem SC 6933 is small particle size, hydrophobic acrylic emulsion offering ambient self-crosslinking technology. Coatings formulated with SC 6933 exhibit excellent clarity, excellent early water resistance properties and adhesion to a variety of ferrous and non-ferrous substrates.

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### Typical Physical Properties:

Type:	Acrylic Emulsion
Solids by weight:	42.0 - 43.0 %
Viscosity @ 25° C:	<500 cps
pH @ 25° C:	6.5 - 7.5
Density:	8.75 ± 0.10 lbs/gal
Tg (DSC):	18°C

\*Brookfield RVT, #3 Spindle @ 60 RPM

**Storage: SC 6933** is stable for at least 12 months from manufacturing date when stored between 5°C and 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 6933 Clear Concrete Sealer

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
512.8	58.61	StanChem SC 6933	StanChem	Add ingredients separately and In order under good agitation
304.8	36.59	Water		
2.0	0.27	28% Ammonium Hydroxide		
1.0	0.12	Dowsil 65	Dow	
3.0	0.34	Byk 348	Byk Chemie	
11.0	1.32	Water		Premix and add under good agitation to avoid potential seeding
11.0	1.45	Arcosolv DPnB	Lyondell Bassell	
12.0	1.31	CliqFlow 680	Cliq SwissTech AG	Add slowly under good agitation
857.6	100.01	Total		

### Formulation Parameters

Weight Solids	26.35%
Volume Solids	24.95%
Density	8.58 lbs/gal
VOC, g/l	50
VOC, lbs/gal	0.42

### Typical Paint Properties

pH	8.5 – 9.5
Viscosity (seconds, #2 Zahn Cup)	16 - 20
Gloss 20°	77.6
Gloss 20° after 1000 hours QUV	79.05
ΔE Color after 1000 hours QUV	1.68

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## StanChem SC 6933 Matte Grey Floor Paint

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
50.0	6.00	Water		Add ingredients separately and in order under good agitation
6.0	0.66	Nuosperse FX 665	Elementis	
3.0	0.35	Byk 024	Byk Chemie	
100.0	3.00	Tronox 828	Tronox	Add slowly under good agitation
150.0	6.90	Minex 7	Sibelco	Disperse to 6+ Hegman
7.0	0.70	Novocolor II 8891N Black	Color Corp. of America	
588.2	67.22	<b>StanChem SC 6933</b>	<b>StanChem</b>	Charge to letdown tank
56.1	6.73	Water		Add grind at this point
2.0	0.22	Proxel AQ	Lonza	
3.0	0.34	Byk 348	Byk Chemie	
25.0	3.00	Water		Premix and add under good agitation
17.5	2.31	Glycol Ether DPnB	LyondellBassell	
7.5	0.93	Optifilm 400	Eastman	
12.0	1.31	CliqFlow 680	Cliq SwissTech AG	Add slowly under good agitation to adjust viscosity and rheology
3.0	0.33	CliqFlow 660VR	Cliq SwissTech AG	
<b>1030.7</b>	<b>100.00</b>	<b>Total</b>		

### Formulation Parameters

Weight Solids	50.63%
Volume Solids	40.20%
Density	10.30 lbs/gal
VOC, g/l	49
VOC, lbs/gal	0.41

### Typical Paint Properties

pH	8.0 – 8.5
Viscosity (Stormer, KU)	85 – 95
Gloss (60°, 3 mil drawdown on Leneta)	<10

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## StanChem SC 6933 Clear Peelable Coating

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
769.91	87.99	<b>StanChem SC 6933</b>	<b>StanChem</b>	Charge vessel
16.51	1.94	Additol XL 6568	Allnex	Add under agitation
58.11	6.98	Water		
16.51	2.09	Dowanol DPM	Dow	Premix and add under good agitation
8.71	1.0	Optiflo L-100	Byk Chemie	Add under increasing agitation
<b>869.76</b>	<b>100.00</b>	<b>Total</b>		

### Formulation Parameters

Weight Solids	38.58%
Volume Solids	38.37%
Density	8.7 lbs./gal
VOC, g/l	54.92
VOC, lbs./gal	0.46

### Typical Paint Properties

pH	7.0 – 7.5
Viscosity (#2 @ 60 rpm)	300-350 cps

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## StanChem SC 6933 White Peelable Coating

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
700.0	80.00	<b>StanChem SC 6933</b>	<b>StanChem</b>	Add ingredients separately and In order under good agitation
18.0	2.16	Water		
1.0	0.13	28% Ammonium Hydroxide		
15.0	1.90	Glycol Ether DPM	Lyondell Bassell allnex	Premix and add under good agitation
15.0	1.76	Additol XL 6568		
200.0	12.05	Novocolor II 8800N White	Color Corp.	Add slowly under good agitation
14.0	1.62	Rheobyk L-100	Byk Chemie	Add under increasing agitation
2.0	0.23	Rheobyk TVS-VF	Byk Chemie	Premix and add under good agitation to adjust viscosity and rheology
<u>1.0</u>	<u>0.12</u>	Propylene Glycol		
<b>966.0</b>	<b>99.97</b>	<b>Total</b>		

### Formulation Parameters

Weight Solids	49.91%
Volume Solids	42.63%
Density	9.66 lbs/gal
VOC, g/l	48
VOC, lbs/gal	0.40

### Typical Paint Properties

pH	8.0 – 8.5
Viscosity (KU)	65 - 75

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