

## StanChem SC 6349

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### Description:

StanChem SC 6349 is an all acrylic copolymer emulsion designed for decorative concrete stains and sealers, providing excellent blush resistance and weatherability. Coatings made with SC 6349 provide excellent hardness development, as well as good chemical and hot tire pickup resistance.

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### Typical Physical Properties:

<b>Type:</b>	Acrylic Copolymer
<b>Solids by weight:</b>	43.0 – 45.0 %
<b>Viscosity* @ 25°C:</b>	< 1,000 cps
<b>pH @ 25°C:</b>	8.0 – 9.0
<b>Density</b>	8.80 (+/-0.1) lbs/gal
<b>Tg (DSC):</b>	18°C
<b>Freeze / Thaw Resistance</b>	PASS 5 Cycles

\*Brookfield RVT, #3 Spindle @ 30 RPM

**Storage:** SC 6349 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 6349 Concrete Sealer Formula

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
536.7	60.8	StanChem SC 6349	StanChem	Add ingredients separately and In order under good agitation
303.0	36.4	Water		
0.9	0.1	Dowsil 65	Dow	
5.51	0.7	Byk 348	Byk Chemie	
10.1	1.2	Water		
5.0	0.6	Glycol Ether DPnB	Lyondell Bassell	
<u>1.8</u>	<u>0.2</u>	Rheolate 288	Evonik	
<b>861</b>	<b>100.0</b>	<b>Total</b>		

### Formulation Parameters

Weight Solids	27.6%
Volume Solids	27.1%
Density	8.61 lbs/gal
VOC, g/l	43
VOC, lbs/gal	0.35

### Typical Paint Properties

pH	8.0 – 9.0
Viscosity (#3 Zahn Cup)	20 – 24

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## StanChem SC 6349 Concrete Floor Enamel

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
176.13	21.14	Water		Add ingredients separately and in order under good agitation
9.38	0.92	Tamol 901	Dow	
4.03	0.35	Natrosol 250LR	Ashland	Mix for 10 minutes.
4.70	0.54	Propylene Glycol	Lyondell Bassell	
5.86	0.78	Deefo 3010/E50	Munzing	
2.34	0.19	KTPP		
140.86	6.52	Minex 7	Sibelco	
117.40	3.52	TiO <sub>2</sub> – CR-828	Kronos	
11.75	0.25	ZnO – Zoco 103	Zochem	Increase speed and disperse to 5+ Hegman
548.70	63.80	<b>StanChem SC 6349</b>	<b>StanChem</b>	Add to letdown tank under good agitation
0.62	0.07	Acticide BW20	Thor	
1.83	0.24	Byk 024	Byk Chemie	Add Grind at this point
7.28	0.96	Glycol Ether DPnB	Lyondell Bassell	
1.56	0.20	AMP-95	Advancion	
3.95	0.45	Acrysol RM-2020	Dow	Add with good agitation to adjust viscosity and rheology
<u>0.62</u>	<u>0.07</u>	Acrysol RM-8W	Dow	
<b>1037.0</b>	<b>100.0</b>	<b>Total</b>		

### Formulation Parameters

Weight Solids	51.0%
Volume Solids	40.3%
Density	10.4 lbs/gal
Pigment Volume Concentrate	26.8%
Pigment to Binder	1.13
VOC, g/l	41
VOC, lbs/gal	0.34

### Typical Paint Properties

pH	8.5 – 9.5
Viscosity (Stormer, 25C, KU)	85 - 90

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