

## StanChem SC 6870

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### Description:

**StanChem SC 6870** is small particle sized, hydrophobic acrylic emulsion polymer that can be used as a binder for a variety of coatings for different substrates. SC 6870 is also self-crosslinking and utilizes wet adhesion technology.

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### Typical Physical Properties:

<b>Type:</b>	Acrylic emulsion
<b>Solids by weight:</b>	44.0 - 46.0 %
<b>Viscosity @ 25° C:</b>	<400 cps
<b>pH @ 25° C:</b>	7.5 - 8.5
<b>Density:</b>	8.75 ± 0.10 lbs/gal
<b>Tg (DSC):</b>	48°C

\*Brookfield RVT, #4 Spindle @ 20 RPM

**Storage: SC 6870** 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 6870 Clear Concrete Sealer

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
489.0	55.89	StanChem SC 6870	StanChem	Add ingredients separately and In order under good agitation
168.2	20.19	Water		
1.0	0.13	28% Ammonium Hydroxide		
1.0	0.12	Airex 901W	Evonik	
3.0	0.34	Byk 348	Byk Chemie	
88.0	10.56	Water		Premix and add under good agitation to avoid potential seeding
88.0	11.61	Arcosolv DPnB	Lyondell Bassell	
<u>10.0</u>	<u>1.16</u>	Rheobyk L-100	Byk Chemie	Add with good agitation to adjust viscosity and rheology
<b>848.2</b>	<b>100.00</b>	<b>Total</b>		

### Formulation Parameters

Weight Solids	26.65%
Volume Solids	24.98%
Density	8.48 lbs/gal
VOC, g/l	282
VOC, lbs/gal	2.35

### Typical Paint Properties

pH	8.0 - 9.0
Viscosity (seconds, #2 Zahn Cup)	18 – 22

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