

# StanChem

polymers

## StanChem SC 6261

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### Description:

StanChem SC 6261 is a 100% acrylic copolymer emulsion designed for durable house and trim paints. Coatings made with SC 6261 exhibit good wet adhesion and dirt pick-up resistance, as well as excellent outdoor durability and gloss retention.

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### Typical Physical Properties:

<b>Type:</b>	Acrylic Polymer
<b>Solids by weight:</b>	49.5 – 50.5%
<b>Viscosity* @ 25°C:</b>	50 - 400 cps
<b>pH @ 25°C:</b>	9.0 – 10.0
<b>Density:</b>	8.90 ± 0.10 lbs/gal
<b>Tg:</b>	28°C
<b>Freeze / Thaw Resistance (10°F)</b>	PASS (5 Cycles)

\*Brookfield RVT, #4 Spindle @ 20 RPM

**Storage: SC 6261** 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 6261 Grey Porch & Floor Enamel

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
60.0	7.20	Water		Add ingredients separately and in order under good agitation
10.0	1.09	Nuosperse FX 665	Elementis	
3.0	0.35	Byk 024	Byk Chemie	
1.0	0.13	AMP-95	Dow	
100.0	3.00	Tronox 828	Tronox	Add slowly under good agitation
150.0	6.91	Minex 10	Sibelco	
4.0	0.20	Attagel 50	BASF	
7.0	0.70	Novocolor IP 8891N Black	CCA	Increase speed and disperse to 6+ Hegman
500.0	56.18	<b>StanChem SC 6261</b>	<b>StanChem</b>	Add to letdown tank under good agitation
69.5	8.34	Water		
2.0	0.22	Proxel AQ	Lonza	
3.0	0.34	Byk 348	Byk Chemie	Add grind at this point
50.0	6.00	Water		Premix and add with good agitation
50.0	6.60	Glycol Ether DPnB	LyondellBassell	
15.0	1.64	Acrysol RM-2020	Dow	Add with good agitation to adjust
<u>10.0</u>	<u>1.09</u>	Acrysol RM-8W	Dow	viscosity and rheology
<b>1034.2</b>	<b>100.00</b>	<b>Total</b>		

### Formulation Parameters

Weight Solids	50.37%
Volume Solids	39.06%
Density	10.35 lbs/gal
Pigment Volume Concentrate	27.36%
Pigment to Binder	1.02
VOC, g/l	134
VOC, lbs/gal	1.11

### Typical Paint Properties

pH	8.5 – 9.5
Viscosity (Stormer, 25C, KU)	70 – 80

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