



**RayCryl 351C Technical Bulletin**  
All Acrylic Emulsion

RayCryl 351C is an all acrylic polymer for efflorescent resistant concrete coatings. It provides excellent water resistance, and exterior durability. It is pre-coalesced for easy formulation of masonry clears and transparent stains. RayCryl 351C's all acrylic formula has excellent UV resistance and adhesion to a wide variety of substrates.

**Suggested Uses**

- Concrete sealers and topcoats
- Transparent concrete stains

**Key Features**

- Excellent efflorescence, UV and water resistance

**RayCryl 351C Typical Physical Properties**

Polymer type	Acrylic emulsion polymer
Weight solids	41.0 – 43.0 %
Viscosity (Brookfield Model RVT)	500 – 1200 cps, #4/100 rpm
pH	9.0 – 9.5
MFFT (ASTM D-2354)	0°C
Tg (MDSC)	25°C
Particle Size (Mean)	0.13 microns
Surfactant Charge	Anionic
Weight per Gallon	8.63 lbs/gal
Bulking Value	0.1159 gal/lb
Freeze Thaw Stability	Do Not Freeze

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For 40 years, Specialty Polymers has been developing state of the art resins for the paint and coatings industry. With more than 250 products to choose from, Specialty Polymers has the right polymer to meet your needs.

## Suggested Formulations

### RayCryl 351C – Concrete Sealer

Raw Materials	Weight (lbs)	Volume (gal)	Supplier
Water	237.60	28.45	
<b>RayCryl 351C</b>	590.00	68.37	<b>Specialty Polymers</b>
Aquacer 593	25.00	3.07	Byk Chemie
Troysol LAC	1.00	0.11	Troy Chemical
<b>Total</b>	<b>853.00</b>	<b>100.00</b>	

### Typical Physical Properties RayCryl 351C – Clear Masonry Sealer

Weight per gallon, lbs/gal	8.5	pH	9.0
Weight solids, %	30.0	Coating VOC, g/L	<100
Viscosity @ #2 @ 100 rpm, cps	200	Volume solids, %	28.3

### Suggested Coalescing Solvents

0 – 5 % Texanol

#### IMPORTANT INFORMATION

If any product is defective in workmanship or materials, Specialty Polymers, Inc. will replace the product. The information contained in this Technical Bulletin is intended to be a guideline. It is offered in good faith, but without guarantee. We recommend users of the product perform their own testing to determine the suitability of the product in their application.