



## **RayFlex 552 Technical Bulletin**

### **Acrylic Emulsion Polymer**

RayFlex 552 is a soft acrylic emulsion polymer designed for blending with cement to produce flexible concrete. When combined with the high alkalinity of hot concrete, coatings formulated with RayFlex 552 create waterproof cementaceous coatings and patching compounds.

#### **Key Features**

- Excellent water resistance
- Outstanding flexibility and elongation

#### **RayFlex 552 Typical Physical Properties\***

Polymer type	Acrylic emulsion polymer
Weight solids	60%
Viscosity (Brookfield Model RVT)	170 cps, #2/100 rpm
pH	8.5
Tg (MDSC)	-31°C
MFFT (ASTM D-2354)	<0°C
Particle size (Mean)	0.36 microns
Surfactant charge	Anionic
Weight per gallon	8.6 lbs/gal
Freeze thaw stability	Do Not Freeze

*\* These properties are typical, but do not constitute specifications*

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For more than 45 years, Specialty Polymers has been developing state of the art resins for the paint, coatings and adhesive industries. With more than 300 products to choose from, Specialty Polymers has the right polymer to meet your needs.

#### **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.