



## **RayKote 444S Technical Bulletin**

### Styrene Acrylic Emulsion for Polymer Admix

RayKote 444S is a styrene acrylic emulsion designed for blending with cement for flexible concrete and crack resistant stucco. Specifically designed as a polymer modifier for cement, it exhibits excellent compressive strength and crack resistance. Its high alkalinity allows compatibility with “green” cement to yield flexible concrete patches and overlays.

#### **Key Features**

- Superior compressive and flexural strength
- Excellent crack resistance
- Outstanding adhesion to old concrete and masonry surfaces

#### **RayKote 444S Typical Physical Properties\***

Polymer type	Styrene acrylic emulsion polymer
Weight solids	50%
Viscosity (Brookfield Model RVT)	85 cps, #1/100 rpm
pH	9.5
Tg (MDSC)	6°C
MFFT (ASTM D-2354)	3°C
Particle size (Mean)	0.23 microns
Surfactant charge	Nonionic
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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#### **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.