



RayFlex 791 Technical Bulletin

Self-Crosslinking Acrylic Polymer

RayFlex 791 is an APEO-free, all acrylic emulsion polymer designed to provide excellent alkali resistance on cementitious substrates. Coatings formulated with RayFlex 791 have very good tensile properties, efflorescence resistance and low temperature flexibility.

Key Features

- Excellent alkali resistance
- Well balanced tensile properties
- Outstanding efflorescence resistance
- APEO-free
- MPI 113 capable

RayFlex 791 Typical Physical Properties*

Polymer type	Acrylic emulsion
Weight solids	60%
Viscosity (Brookfield Model RVT)	1160 cps, #4/100 rpm
pH	8.3
Tg (MDSC)	-25°C
MFFT (ASTM D-2354)	<0°C
Particle size (Mean)	0.26 microns
Surfactant charge	Anionic
Weight per gallon	8.7 lbs./gal
Freeze thaw stability	Do Not Freeze

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

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.