

HIGH-PERFORMANCE RESINS FOR THE COATINGS INDUSTRY

POLYMERS FOR INDUSTRIAL,
CONSTRUCTION AND
ARCHITECTURAL COATINGS

epscca.com

eps[®]
ENGINEERED
POLYMER
SOLUTIONS *Science
Simplified*

HIGH-PERFORMING RESINS

POLYMERS FOR INDUSTRIAL, CONSTRUCTION AND ARCHITECTURAL COATINGS

Innovative polymers advance industrial, construction and architectural coatings. At EPS, we continuously work on improving and developing next-generation products to give our customers the competitive edge and help them succeed in their industries.



INDUSTRIAL COATINGS

Made with proprietary adhesion technology, EPS produces PUDs and acrylic emulsions for the industrial market that deliver block, adhesion and corrosion resistance, as well as excellent hardness.

Direct-To-Metal <50 g/L VOC Polymer EPS® 2580

Self-crosslinking, acrylic emulsion that offers excellent gloss, corrosion and chemical resistance, early water resistance, and rapid hardness development. EPS 2580 provides the capability to formulate coatings at <50 g/L VOC.

Early Water Resistant Polymer EPS® 2559

Equipped with early hydrophobic properties, EPS 2559 is an excellent choice for high-performance waterproofing paints on cementitious substrates, and for use in tile mastics, DTM primers and DTM topcoats. This styrenated acrylic emulsion delivers impressive early water and humidity resistance, as well as strong adhesion to various plastics and a variety of ferrous and non-ferrous substrates. EPS 2559 can be formulated with a wide array of co-solvents – providing an optimal balance of application and drying properties.

Corrosion and Chemical Resistant Polymer EPS® 2570

EPS 2570 provides the capability to formulate coatings at <100 g/L VOC. This self-crosslinking, styrenated acrylic emulsion offers excellent gloss, rapid hardness development, and corrosion, chemical and early water resistance.

Block Resistant Polymer EPS® 2574

Enhance your coatings with a styrenated acrylic emulsion that offers exceptional hardness, block resistance and early water resistance. EPS 2574 provides paint formulators with a waterborne alternative to solvent-based resins and is ideal for use on ferrous and non-ferrous metals, as well as cementitious, wood and plastic substrates.

Corrosion Resistant Polymers EPS® 2535 and EPS® 2540

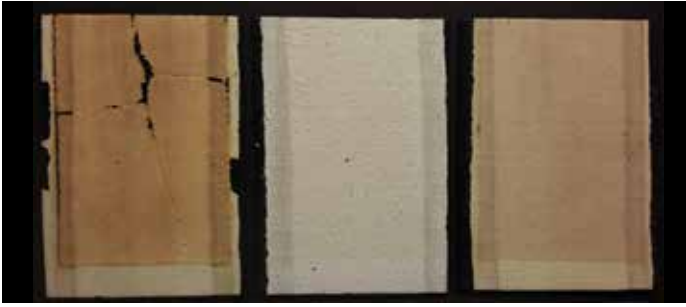
Formulate high-performance industrial coatings using EPS 2535 and EPS 2540, which are styrenated acrylic emulsions offering exceptional corrosion resistance without the use of anticorrosive pigments and additives. These two resins provide paint formulators with a waterborne alternative to alkyd resins, which can be used for maintenance coatings and general product finishes on ferrous and non-ferrous metal, wood and plastic substrates.

The data on this brochure represents typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. EPS assumes no obligation or liability for use of this information. UNLESS EPS AGREES OTHERWISE IN WRITING, EPS MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. EPS WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. Revision Date 9/21

Commercial Basecoat

EPS® 2719 SR1

Commercial Topcoat



QUVA Accelerated Testing



ROOF COATINGS

For the roofing industry, EPS produces resins with early hardness development, exceptional resistance to bleed-through and excellent adhesion.

Low Surface Energy Adhesion Polymer EPS® 2252

EPS 2252 is a high-solids acrylic emulsion, designed to adhere to low surface energy substrates commonly used in roofing, that provides the capability to formulate coatings at <50 g/L VOC. Basecoats and primers based on EPS 2252 have excellent adhesion to TPO, EPDM, metal, asphalt and other common roofing substrates.

Asphalt Bleed-Through Resistant Polymer EPS® 2719

EPS 2719 – an innovative acrylic emulsion – is designed to minimize asphalt bleed-through in cool roof coatings, while maintaining flexibility and toughness. Roof coatings based on EPS 2719 also offer UV and dirt pickup resistance, as well as excellent adhesion to asphaltic and other common construction substrates.

ARCHITECTURAL COATINGS

For the architectural coatings industry, EPS supplies a full line of acrylic emulsions with self-crosslinking technology for high-performance applications that offer outstanding gloss retention, stain blocking and durability on alkaline substrates.

All-Acrylic Resin for High-Performance Gloss Coatings EPS® 2799

EPS 2799 is a self-crosslinking all-acrylic film-forming polymer that is an exceptional choice for high-performance gloss interior and exterior architectural DIY or professional paints. EPS 2799 is a versatile polymer recommended for use in semi-gloss to high gloss enamels that require exceptional hardness and tack resistance in both white/pastel bases and fully tinted clear/neutral bases. Ideal for institutional, commercial or other high traffic area wall coatings.

Excellent Adhesion Polymer EPS® 2293

EPS 2293 is a self-crosslinking all-acrylic emulsion offering excellent adhesion and early water resistance for use in clear sealers over tiles and cementitious substrates. Clear and pigmented coatings can be formulated at less than 100 g/L VOC. EPS 2293 offers excellent performance in exterior stain formulations for deck and wood applications, and garage floor paint.

All-Acrylic Resin for High-Performance Flat Through Semi-Gloss Coatings EPS® 2741

EPS 2741 is an all-acrylic film-forming polymer that is an excellent choice for high-performance flat through semi-gloss interior and exterior architectural coatings. EPS 2741 is a versatile polymer offering excellent performance when formulated into architectural DIY or professional paint formulations.

High-Solids Coalescent EPS® 9147

Provide exceptional film performance in coatings for architectural, industrial and construction markets with EPS 9147. This versatile high solids (99.1% minimum/by weight) coalescent for acrylic emulsions replaces coalescing solvents – resulting in high-performance coatings.



THE EXPERTISE BEHIND THE INNOVATION

Engineered Polymer Solutions (EPS) produces performance-based polymers and resins specifically designed for our customers who develop innovative products for architectural, industrial and construction coatings. With a direct connection to technical support, next-generation technology and unparalleled customer service – we help your business succeed.

Our highly-responsive R&D experts create the solutions of the future. EPS has unmatched technical insight, with modern, world-class manufacturing facilities and decades of test fence exterior exposure data from a variety of climates. We are committed to

exceeding our customers' expectations by supplying resins with proprietary technology that enables our customers to create high-performance coatings.

At EPS, we continuously listen and are ready to respond to customer needs, with strong technical, scientific and industry knowledge – allowing you to bring the best product to market and enhance your competitive edge. Formulate your architectural, industrial and construction products with a wide range of resins supplied by EPS.

To learn more, visit epscca.com

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