

## EPS® 2559

### Versatile styrenated acrylic emulsion

EPS® 2559 is a styrenated acrylic emulsion with excellent early water and humidity resistance that offers cross market versatility. Its early hydrophobic properties make it an excellent choice for high performance waterproofing paints on cementitious substrates and for use in tile mastics. Due to these properties and the excellent adhesion to a variety of ferrous and non-ferrous substrates (HIPS, ABS), EPS® 2559 is also an excellent cost-effective choice for both DTM primers and topcoats. It can be formulated with a variety of co-solvents to provide an optimum balance of application and drying properties.

### PROPERTIES

- Excellent early water and humidity resistance
- High gloss and good corrosion resistance
- Excellent adhesion to concrete and masonry substrates
- Passes ASTM D 7088-04: Resistance to hydrostatic pressure for coatings used in below grade applications applied to masonry
- Compatible with water reducible alkyds
- No APEO containing raw materials

#### Specifications

Weight Solids	50.0 +/- 0 .7%
Weight/Gallon	8.7 +/- 0.1
pH	7.0 - 8.0

#### Typical Properties

Volume Solids	47.8 +/- 0 .7%
MFFT	44° C
Volatile(s)	Water (49.77%) Ammonia (0.23%)

Questions? Call EPS Customer Service @ 1-800-654-4242 / Email: [info@eps-materials.com](mailto:info@eps-materials.com)

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**TECHNICAL SUPPORT:** These guidelines are offered to assist the paint formulator in achieving the high performance properties noted and are offered for illustration purposes only; the paint formulator bears sole responsibility for the performance of the final coating product.

**SDS:** For details on health, safety and handling information, Safety Data Sheets (SDS) are available at [www.epscsa.com](http://www.epscsa.com).

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## Suggested Formulation

### Formula: EPS 2559 TM-P (03/16) Premium Tile Mastic

Pounds	Gallons	Raw Material	Supplier	Instructions
246.20	28.30	<b>EPS 2559</b>	<b>EPS</b>	Add in order with good agitation
34.16	4.18	Water		
12.74	1.40	Triton X-405	Dow	
0.22	0.03	BYK 024	BYK	
649.00	28.76	Duramite	Imerys	
22.15	1.12	Attagel 50	BASF	Add and mix until smooth
171.44	19.71	<b>EPS 2559</b>	<b>EPS</b>	Let down in order with good agitation
81.57	9.78	Water		
0.00	0.00	Ammonium Hydroxide		Adjust to pH 8.5
1.27	0.15	Nuosept 498	Ashland	
18.83	2.90	Odorless Mineral Spirits		
16.61	1.78	Ethylene Glycol		
16.61	1.89	ASE-60	Dow	Use to adjust viscosity
<b>1270.80</b>	<b>100.00</b>	<b>TOTALS</b>		

#### Formulation Parameters

<b>Weight Solids</b>	70.19%
<b>Volume Solids</b>	54.21%
<b>Pigment/Binder</b>	3.2:1
<b>VOC Level</b>	72 g/L 0.60 lb/gal
<b>Weight/Gallon</b>	12.71 lb/gal

#### Typical Properties

<b>Viscosity</b>	4 MMcP
<b>pH</b>	7.5 – 8.5
<b>Color</b>	Off-white

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