

## 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.epscca.com](http://www.epscca.com).

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## Suggested Formulation

### Formula: EPS 2559 WHT1 (03/16) White Masonry Waterproofing

Pounds	Gallons	Raw Material	Supplier	Instructions
150.8	18.10	Water		Add under agitation and high speed disperse to 5 to 6 Hegman
15.0	1.70	Tamol 2001	Dow	
2.0	0.28	Surfynol 104A	Air Products	
3.0	0.35	BYK 024	BYK	
4.0	0.51	AMP-95	Angus	
150.0	4.38	R 902	Chemours	
250.0	11.50	Minex 7	Unimin	
15.0	0.32	Zoco 103	Zochem	
469.8	54.00	<b>EPS 2559</b>	<b>EPS</b>	Add to grind paste under agitation
3.0	0.33	Nuosept 498	Ashland	
13.0	1.64	Texanol	Eastman	
10.0	1.20	Sodium Nitrite 4%		
5.0	0.55	Fungitrol 920	Ashland	
34.0	3.89	<b>EPS 9147</b>	<b>EPS</b>	
1.0	0.12	Optiflo H600	BYK	Use to adjust viscosity
10.0	1.15	Optiflo L100	BYK	
<b>1135.6</b>	<b>100.00</b>	<b>TOTALS</b>		

#### Formulation Parameters

Weight Solids	61.31%
Volume Solids	46.97%
Pigment Weight	36.50%
Pigment Volume Conc.	38.86%
Pigment/Binder	1.77
Calculated VOC Level	45 g/L
Weight/Gallon	11.38 lb/gal

#### Typical Properties

Viscosity	110 – 120 KU
pH	8.0-9.0
Color	White

#### Suggested Application Method: Brush and Roll

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