

# EPS<sup>®</sup> 2103

For EIFS (exterior insulated finishing system) applications, EPS<sup>®</sup> 2103 is an excellent choice to use as a modifier/additive for cementitious base coats and as the binder for finish coats. For cement admixture applications, EPS<sup>®</sup> 2103 imparts increased flexibility and decreased permeability to the system.

## PROPERTIES

- **EIFS applications**
  - Excellent dirt pickup resistance (DPUR)
  - Good flexibility
  - Good water resistance
  - Excellent yellowing and chalking resistance
  - Good color fastness
- **Cement Admixture Applications**
  - Excellent alkali stability
  - Reduces permeability of cement matrices
  - Improves flow of cement-based systems
  - Increases strength, flexibility and durability
  - Low odor

### Specifications

Weight Solids	46.5 ± 0.7%
Weight/Gallon	8.80 ± 0.10
pH	8.5 - 9.5

### Typical Properties

Volume Solids	43.50 ± 0.7%
MFFT	5-9° C

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

9/23/2021

**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

### Starting Point EIFS Premium Finish Coat Formulation

#### Formulation

Pounds	Gallons	Raw Material	Supplier	Instructions
405.00	46.02	EPS 2103	EPS	Add in order with good agitation
5.00	0.54	Ethylene Glycol		
2.00	0.26	Drewplus L-475	Ashland	
65.00	3.39	Ti-Pure R-746 Slurry (76.5%)	Chemours	
150.00	6.80	12-20 Mesh Sand		
850.00	38.51	70-100 Mesh Sand		
10.00	0.51	Attagel 50	BASF	
6.00	0.76	Texanol	Eastman	
2.00	0.22	Proxel AQ	Lonza	
2.00	0.27	Ammonium Hydroxide		
7.50	0.82	Acrysol TT-615	DOW	Premix with water
15.66	1.88	Water		
0.20	0.02	Fungitrol 920	Troy	
<b><u>1520.36</u></b>	<b><u>100.00</u></b>	<b><u>Total</u></b>		

#### Formulation Parameters

Weight Solids	82.33 %
Volume Solids	67.75 %
Pigment Volume Conc.	70.24
Calculated VOC Level	19 g/L
Weight/Gallon	15.20 lbs

#### Typical Properties

Viscosity	95 – 105 KU
pH	8.5 – 9.5
Color	White

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