

EPS[®] 2103

For EIFS (exterior insulated finishing system) applications, EPS[®] 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[®] 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

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.

The data on this sheet represent 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 PURPOSE 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. Unless otherwise agreed in writing, all sales of EPS products are governed by the EPS Terms and Conditions of Sale, available at <https://www.epscsa.com/galleries/pdfs/salesterms.pdf>.

Suggested Formulation

Starting Point EIFS Finish Coat Formulation

Formulation

Pounds	Gallons	Raw Material	Supplier	Instructions
165.00	18.75	EPS 2103	EPS	Add in order with good agitation
230.00	28.81	Water		
5.00	0.54	Ethylene Glycol		
2.00	0.27	Drewplus L-475	Ashland	
65.00	3.39	Ti-Pure R-746 Slurry (76.5%)	Chemours	
200.00	8.99	12-20 Mesh Sand		
800.00	35.96	70-100 Mesh Sand		
5.00	0.25	Attagel 50	BASF	
6.00	0.76	Texanol	Eastman	
2.00	0.22	Proxel AQ	Lonza	
2.00	0.27	Ammonium Hydroxide		
7.50	0.85	Acrysol TT-615	DOW	Premix with water
15.00	1.80	Water		
0.20	0.02	Fungitrol 920	Troy	
1514.70	100.00	Total		

Formulation Parameters

Weight Solids	75.43 %
Volume Solids	55.63 %
Pigment Volume Conc.	85.21
Calculated VOC Level	23 g/L
Weight/Gallon	15.05 lbs

Typical Properties

Viscosity	95 – 105 KU
pH	8.5 – 9.5
Color	White

Questions? Call EPS Customer Service @ 1-800-654-4242 / Email: 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.epsc.ca.com.

The data on this sheet represent 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 PURPOSE 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. Unless otherwise agreed in writing, all sales of EPS products are governed by the EPS Terms and Conditions of Sale, available at <https://www.epsc.ca.com/galleries/pdfs/salesterms.pdf>.