

EPS® 2789

Technical Data Sheet

Polymer for High Performance Exterior Coatings

BENEFITS

- Grain crack resistance
- Adhesion to chalky substrates
- Dirt Pick Up Resistance (DPUR)
- Low temperature application
- Early water resistance
- Performance over highly alkaline substrates
- APEO free
- Low coalescent demand

END USES

Exterior flat through satin architectural paints

MARKET SEGMENTS

Architectural

CHEMISTRY

100% Acrylic Film-Forming Polymer



EPS 2789 is a 100% film-forming acrylic polymer that is an excellent choice for exterior flat through satin architectural paints.

EPS 2789 offers excellent exterior durability, adhesion and dirt pickup resistance (DPUR).

Specifications

Weight Solids	60.0 +/- 0.7%
Weight/Gallon	8.9 +/- 0.1
pH	8.0 - 9.0

Typical Properties

Volume Solids	57.3 +/- 0.7%
MFFT	12° C
Volatile(s)	Water 39.83%
	Ammonia 0.17%

Suggested Coalescing Solvent(s)

(% Solvent on Binder Solids – Pass 40° F LTC Test)

Texanol or EPS 9147	5%
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Excellent exterior durability:

- Grain crack resistance on dimensionally unstable substrates
- Adhesion to chalky and glossy substrates
- Dirt pickup resistance (DPUR)
- Low temperature (35°F) application and durability
- Early water resistance
- Color retention
- Performance over highly alkaline substrates
- Environmentally friendly
 - APEO-Free, 100% acrylic film-forming polymer
 - Low coalescent demand. Near-zero VOC paints can be formulated using EPS 9147 coalescent

EPS® 2789

TECHNICAL SUPPORT

The following guidelines are offered to assist the paint formulator in achieving the high performance properties offered by EPS 2789

MSDS

For details on health, safety and handling information, Material Safety Data Sheets (MSDS) are available at www.epscca.com.

For more information on any of our products or services please visit us on the Web at: www.epscca.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 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

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Suggested Formulation

Formula: EPS 2789 WHT1 (7/14)				
Exterior Latex Flat White				
Gallons	Pounds	Raw Material	Supplier	Instructions
12.00	100.0	Water		
0.90	9.0	Tamol 851	Dow	
0.34	3.0	Triton CF-10	Dow	
0.23	2.0	BYK 28	BYK	
0.33	3.0	Nuosept 498	Ashland	
6.59	225.0	R900	DuPont	
9.20	200.0	Minex 4	Unimin	
1.30	25.0	Diafil 525	Imerys	Disperse
26.89	224.0	Water		
0.36	4.0	Natrosol HBR	Ashland	Mix 5 minutes
0.10	0.8	AMP-95	Dow	Mix 10 minutes
36.00	320.0	EPS 2789	EPS	
0.90	7.9	EPS 9147	EPS	
0.23	2.0	BYK 28	BYK	
1.20	10.0	Sodium Nitrite 4%		
1.64	15.0	Acrysol RM – 2020	Dow	Mix 20 minutes
0.66	6.0	Acrysol RM – 8W	Dow	Mix 20 minutes
1.15	11.0	Polyphase 663	Troy Corporation	Mix 20 minutes
100.00	1167.6	Totals		

Formulation Properties	
Weight Solids	57.67%
Volume Solids	40.62%
Pigment Weight	36.40%
Pigment Volume Conc.	43.08%
VOC Level	<5 g/L
Weight/Gallon	11.68 lb/gal

Typical Properties	
Viscosity	95 – 100 KU
pH	8.5 – 9.0
Color	White
Gloss at 60°	2 – 4