

EPS[®] 2257

DATA SHEET

ACRYLIC EMULSION

Description

EPS 2257 is an all-acrylic emulsion offering excellent penetration, adhesion and water resistance on cementitious substrates.

- ✓ Low VOC / low odor – Low coalescing solvent demand
- ✓ Good water resistance
- ✓ Small particle size polymer offers excellent penetration and appearance properties
- ✓ Good blush resistance
- ✓ Freeze-thaw stable polymer and concrete sealer formulation
- ✓ Fast hardness development
- ✓ Excellent UV resistance and non-yellowing
- ✓ No APEO containing raw materials

Specifications

Weight Solids: 40.0 ± 0.7%

Weight/Gallon: 8.80 ± 0.10

pH: 8.0 – 9.0

Suggested Coalescing Solvent(s)

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

Texanol 5%

Typical Properties

Volume Solids: 36.5 ± 0.7%

MFFT: 7° C

Volatile: Water

Viscosity (#2 @100 rpm): 30 – 300 cps.

Suggested Formulations

EPS 2257 S1 - Low VOC Concrete Sealer (20% solids)

EPS 2257 ST1- Low VOC Concrete Stain (15% solids)

05-08-2014

Questions? Call EPS Technical Service @ 1-800-601-8111

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EPS[®] 2257

SUGGESTED FORMULATION

FORMULA: EPS 2257 S1

LOW VOC CLEAR CONCRETE SEALER (20% SOLIDS)

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
427.5	48.6	EPS 2257	EPS	
418.9	50.3	Water		
3.0	0.4	BYK 301	BYK	
3.0	0.4	BYK 346	BYK	
<u>8.6</u>	<u>1.1</u>	Texanol	Eastman	
861.0	100.8	Totals		

Formulation Parameters

Weight Solids	20.0	%
Volume Solids	17.7	%
Weight / Gallon	8.5	lb/gal
Pigment Volume Conc.	0	%
Pigment / Binder	0	%
VOC	72	g/l
	0.6	lb/gal

Typical Properties

Viscosity (#2 Zahn)	15 seconds
pH	7.5 – 7.9

Suggested Application Methods

Brush, Spray

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SUGGESTED FORMULATION

FORMULA: EPS 2257 ST1

LOW VOC CONCRETE STAIN (15% SOLIDS)

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>
271.0	30.8	EPS 2257	EPS
559.6	67.2	Water	
1.5	0.2	BYK 301	BYK
1.5	0.2	BYK 346	BYK
5.4	0.7	Texanol	Eastman
<u>42.0</u>	<u>3.2</u>	8097 Brown Iron Oxide	CCA
881.0	102.3	Totals	

Formulation Parameters

Weight Solids	15.7%
Volume Solids	12.7%
Weight / Gallon	8.6 lb/gal
Pigment NVMW	2.4%
Pigment NVMV	0.6%
VOC	60 g/l
	0.5 lb/gal

Typical Paint Properties

Viscosity (#2 Zahn)	15 seconds
pH	7.5 – 7.9

02-24-2011

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