

EPS[®] 2458

Suggested Formulation

EPS[®] 2458 is a water based, self-crosslinking all-acrylic binder for interior and exterior applications.

PROPERTIES

- Good balance between hardness and flexibility
- Fast dry
- Good chemical resistance
- Very good wood wetting (grain accentuation)
- Good block resistance
- Very low solvent demand
- APE-free *

Specifications

Weight Solids	43.0 +/- 1.0%
Viscosity, 23 °C [mPa·s]	100 - 600
pH	7.5 – 8.5

Typical Properties

Volume Solids	40.9 +/- 0.7%
Weight/Gallon	8.70 +/- 0.10 lbs.
MFFT	+5°C
Volatile(s)	Water, ammonia

* Made without APE-containing surfactants

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

11/24/2020

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.

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Suggested Formulation

Formula: WD-13 Exterior Pigmented Basecoat

Pounds	Gallons	Raw Material	Supplier	Instructions
214.02	25.69	Water	-	Add in order with good agitation
12.30	1.39	Disperbyk 190	BYK	
0.62	0.07	Foamex 810	Evonik	
5.54	0.59	Ethylene Glycol	-	
123.00	5.27	Nicron 604 Talc	Imerys	Disperse to desired fineness
369.01	16.35	Cal White	Imerys	Disperse to desired fineness
98.40	2.95	CR-828	Tronox	Disperse to desired fineness
356.71	41.00	EPS 2458	EPS	Letdown
18.45	2.34	DPM (Methyl Dipropasol)	Dow	
9.84	1.18	Foamex 822	Evonik	
1.23	0.13	Rheobyk 7420	BYK	
1.23	0.16	Ammonium Hydroxide	-	
1.23	0.13	Mergal K12N	Troy	
7.50	0.90	Water	-	
0.74	0.10	EB (Butyl Cellosolve)	Dow	
3.44	0.40	Rheolate 288	Elementis	Adjust to desired viscosity
5.97	0.69	Optiflo T1000	BYK	Adjust to desired viscosity
6.15	0.64	Polyphase 663	Troy	
1235.37	100.00	TOTALS		

Formulation Parameters

Weight Solids	61.3 %
Volume Solids	43.1 %
Pigment Volume Conc.	59.4
Calculated VOC Level	84 g/L
Weight/Gallon	12.4 lbs

Typical Properties

pH	7.5-8.5
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