

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 in-can transparency
- 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

9/16/2020

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-9 Interior Pigmented Basecoat

Pounds	Gallons	Raw Material	Supplier	Instructions
215.41	25.86	Water	-	Pre-mix the following and add to letdown Disperse to desired fineness
12.38	1.40	Disperbyk 190	BYK	
0.62	0.07	Foamex 810	Evonik	
5.57	0.60	Ethylene Glycol	-	
123.80	5.31	Nicron 604 Talc	Imerys	
371.39	16.46	Cal White	Imerys	
99.04	2.97	CR-828	Tronox	
359.01	41.27	EPS 2458	EPS	Add in order with good agitation
18.57	2.35	DPM (Methyl Dipropasol)	Dow	Add in order with good agitation
9.90	1.19	Foamex 822	Evonik	
1.24	0.13	Rheobyk 7420	BYK	
1.24	0.17	Ammonium Hydroxide	-	
1.24	0.13	Mergal K12N	Troy	
7.55	0.91	Water	-	
0.74	0.10	EB (Butyl Cellosolve)	Dow	
3.47	0.40	Rheolate 288	Elementis	
6.00	0.69	Optiflo T1000	BYK	
1237.16	100.00	TOTALS		

Formulation Parameters

Weight Solids	61.4 %
Volume Solids	43.2 %
Pigment Volume Conc.	59.4
Calculated VOC Level	85 g/L
Weight/Gallon	12.4 lbs

Typical Properties

pH	7.5-8.5
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