

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

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-12
Exterior Clear Basecoat

Pounds	Gallons	Raw Material	Supplier	Instructions
768.85	88.37	EPS 2458	EPS	Add in order with good agitation
21.60	2.88	EB (Butyl Cellosolve)	Dow	
8.64	1.09	DB (Butyl Carbitol)	Dow	
48.38	5.81	Water	-	
3.46	0.40	BYK 024	BYK	
3.46	0.42	Siltech C-204	Siltech	
0.86	0.12	Ammonium Hydroxide	-	
0.86	0.09	Mergal K12N	Troy	
3.46	0.38	Acrysol RM-2020NPR	Dow	Adjust to desired viscosity
4.32	0.45	Polyphase 663	Troy	
863.88	100.00	TOTALS		

Formulation Parameters

Weight Solids	39.2 %
Volume Solids	37.0 %
Pigment Volume Conc.	0.0
Calculated VOC Level	92 g/L
Weight/Gallon	8.6 lbs

Typical Properties

pH	7.5-8.5
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