

# 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, ethylene glycol monobutyl ether (0.609%)

\* Made without APE-containing surfactants

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

8/20/2020

**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.

**SDS:** For details on health, safety and handling information, Safety Data Sheets (SDS) are available at [www.epscsa.com](http://www.epscsa.com).

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## Suggested Formulation

### Formula: WD-7 EPS 2458 Clear Self Sealer

Pounds	Gallons	Raw Material	Supplier	Instructions
582.69	66.98	<b>EPS 2458</b>	<b>EPS</b>	Add in order with good agitation
12.85	1.71	EB (Butyl Cellosolve)	Dow	
8.57	1.13	DPnB (Butyl Dipropasol)	Lyondell	
180.80	21.71	Water	-	
8.57	0.93	Zinc Stearate	-	
13.44	1.61	Water	-	Pre-mix the following and add to letdown
1.71	0.23	EB (Butyl Cellosolve)	Dow	
0.17	0.02	Disperbyk 190	BYK	
0.10	0.01	Foamex 810	Evonik	
1.71	0.09	Acematt TS 100	Evonik	
17.14	2.08	Aquacer 539 Wax	BYK	
0.51	0.06	Foamex 810	Evonik	Pre-mix the following and add to letdown
4.63	0.50	Ethylene Glycol	-	
8.57	1.03	Foamex 822	Evonik	
2.57	0.30	TEGO Wet KL 245	Evonik	
0.86	0.11	Ammonium Hydroxide	-	
1.71	0.18	Mergal K12N	Troy	
1.67	0.20	Water	-	Pre-mix the following and add to letdown
1.67	0.22	EB (Butyl Cellosolve)	Dow	
7.80	0.90	Rheolate 288	Elementis	Adjust to desired viscosity
<b>857.75</b>	<b>100.01</b>	<b>TOTALS</b>		

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### Formulation Parameters

<b>Weight Solids</b>	31.9 %
<b>Volume Solids</b>	30.0 %
<b>Pigment Volume Conc.</b>	3.6
<b>Calculated VOC Level</b>	130 g/L
<b>Weight/Gallon</b>	8.6 lbs

### Typical Properties

<b>Viscosity (Ford Cup 4)</b>	130-150 (s)
<b>pH</b>	7.5-8.5

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