

EPS[®] 2436

EPS[®] 2436 is a self-crosslinking all-acrylic dispersion used as a binder for high-quality wood coatings.

PROPERTIES

- Exceptional transparency and wood wetting (grain accentuation)
- Excellent chemical resistance
- Excellent mechanical properties
- Good block resistance and hardness development
- Good hardness/flexibility ratio
- Made without APEO surfactants

Specifications

Weight Solids	38.0 ± 1 %
Viscosity, 23 °C [mPa·s] (Brookfield, Spindle 2)	< 500
pH	7.5 – 9.0

Typical Properties

Tg	37° C
Density @ 20 °C [kg/m ³]	1060
Co-solvent [Butyl Glycol]	< 3 %

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

3/25/2022

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.epscca.com.

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Suggested Formulation

Clear Interior Topcoat

Formulation

Pounds	Gallons	Raw Material	Supplier	Instructions
205.35	23.60	EPS 2436	EPS	
0.90	0.12	Ammonium Hydroxide (28%)	Any	
0.45	0.05	Disperbyk 190	BYK	
0.62	0.07	Byk 093	BYK	
4.46	0.24	AceMatt TS-100	Evonik	Mix items together
20.54	2.47	Water	Deionized	until smooth.
507.71	58.36	EPS 2436	EPS	
33.68	4.48	EB (Butyl Cellosolve)	Lyondell	Premix water
10.70	1.41	DPnB (Butyl Dipropasol)	Lyondell	and
51.34	6.16	Water	Deionized	cosolvents.
8.91	1.08	Aquacer 539 Wax	BYK	
2.40	0.28	Propylene Glycol	Lyondell	
4.42	0.52	BYK-378	BYK	
0.90	0.10	Proxel AQ	Lonza	
3.08	0.34	Acrysol RM-8W	Dow	
2.05	0.22	Acrysol RM-2020NPR	Dow	
4.11	0.49	Water	Deionized	
861.61	100.00	TOTALS		

Formulation Parameters

Weight Solids:	33.07%
Volume Solids:	30.02%
PVC:	0.84
VOC Content:	145 g/L
Weight/Gallon:	8.62 lbs/gal

Typical Properties

Viscosity:	35-40s #2 Zahn
pH:	8-9
Color:	White emulsion

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