

EPS[®] 7744

SOLUTION ACRYLIC

DATA SHEET

Description

EPS 7744 is an all acrylic solution resin that can be used on metal and masonry substrates. Coatings formulated with EPS 7744 show an excellent combination of hardness and chemical resistance making the product ideal for concrete floors..

Specifications

Weight Solids: 40.0 ± 1.0%
Weight/Gallon: 8.00 ± 0.10 lbs.
Viscosity: W - Z
Acid Value:* 1 - 2
Color: WW

Typical Properties

Volume Solids: 33.7 ± 1.0%
Solvent: Xylene
OH Value: Not Applicable

Suggested Formulations

EPS 7744 CS1

* Acid value on solids basis.

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Questions? Call EPS Technical Service @ 1-800-601-8111

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SUGGESTED FORMULATION

FORMULA: EPS 7744 CS1

SEALER FORMULA

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
480.0	60.00	EPS 7744	EPS	Add with good agitation.
<u>288.0</u>	<u>39.72</u>	Xylene		
768.0	99.72	Totals		

Formulation Parameters

Typical Paint Properties

Weight Solids	25.00%	Viscosity	145 cps.
Volume Solids	20.34%	Set to Touch Time (78°F, 40% RH)	15 minutes
Pigment Weight	0.00%	Tack Free Time (78°F, 40% RH)	18 minutes
Pigment Volume Conc.	0.00	Dry Through Time (78°F, 40% RH)	20 minutes
Weight/Gallon	7.70	Koenig Hardness (ASTM D-4366)	33 @ 3 Days 48 @ 7 Days
VOC Level	693 g/l	Pencil Hardness (ASTM D-3363)	F

Chemical Resistance

7 Day ambient cure, 4 hour spot test

Ratings: 5 (no effect) to 1 (fail)

Gasoline:	5	Diesel Fuel:	5
Sodium Hydroxide (10%):	5	Hydrochloric acid (10%):	5
Vinegar:	5	Salt water (5%):	5
409 Cleaner:	5	Vegetable oil:	5
Anti-Freeze (50:50 water)	5	Bleach:	5
Hydraulic Fluid:	5	Ethanol (50%):	5
Motor Oil:	5	Power steering fluid:	5
Paint Thinner:	4	Brake fluid:	1

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