



Formulation

2K Amine Cured Aluminized Epoxy Mastic using HALOX CZ-170

COMPONENT A:

<u>GRIND</u>		<u>LBS./100 GALS.</u>	<u>GRAMS/LITER</u>
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Add the following in order listed while mixing.

Epon 828	[1]	284.99	341.99
MPA-1078	[2]	5.57	6.68
<i>Mix Well.</i>			
HALOX CZ-170		35.37	42.44
10 AS Wollastocoat	[3]	59.93	71.92
Summit Chlorite	[4]	86.52	103.82
Barytes BA-25	[5]	99.70	119.64
Cabosil TS 720	[6]	6.50	7.80

High speed disperse to minimum temperature 130°F/ 55°C and 5+ NS Hegman grind.

Add the following while mixing at low speed:

Epodil L	[7]	32.49	38.99
Super Hi-Flash Naphtha	[8]	107.87	129.44
Beetle 216-8	[9]	23.21	27.85
Aluminum paste L-243 (non leafing)	[10]	116.04	139.25

Mix well until uniform, add:

Diacetone Alcohol	[11]	22.28	26.74
Super Hi-Flash Naphtha	[8]	42.84	51.41

Mix well for 5 minutes.

COMPONENT B:

Add the following under agitation and mix until uniform.

Ancamine 1618	[7]	167.73	201.28
Xylene	[8]	3.46	4.15

*Mix Ratio:** Component A - by 80% volume.
Component B - by 20% volume.

**To obtain optimum results, allow 20-30 minutes induction time prior to application.*

TOTAL		<u>1094.50</u>	<u>1313.40</u>
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FORMULA CONSTANTS

%Pigment/Wt.	33.21
%Pigment/Vol.	13.85
%Solids/Wt.	79.01
%Solids/Vol.	68.09
%PVC	20.34
VOC lbs./gal.	2.32
VOC g/l	278.40

FORMULA PROPERTIES

Density lbs./gal.	10.94
Density g/l	1313.40
KU Visc. @ R.T.	85-90
Pot Life	5 hours
Set-to-touch	3 hours
Dry Hard	8 hours

SUPPLIER KEY

[1]	Resolution Performance Products
[2]	RHEOX, Inc.
[3]	NYCO Minerals, Inc.
[4]	Specialty Mineral, Inc.
[5]	Engelhard Corp.
[6]	Cabot Corp.
[7]	Air Products and Chemicals, Inc.
[8]	Ashland Chemical Co.
[9]	Cytec Industries, Inc.
[10]	Silberline Manufacturing Co., Inc.
[11]	Union Carbide Corp.

The information contained herein is correct to the best of our knowledge, but is intended only as a source of information. The recommendations or suggestions herein are made without guarantee of representation as to results, and we suggest that you evaluate the recommendations contained in this formulation in your own laboratory prior to use.