

in Alkyd emulsion

Water based coatings

Sudarshan formulation No. 278-16

Rev. Number: 01.01

05/03

Function	Product	Producer	PBW
Alkyd emulsion	RESYDROL® AZ 436w/45WA	Allnex	56.80
Neutralizing agent	Ammonia, 10%		0.80
Drier	ADDITOL® VXW 4940, 50% demi. water	Allnex	1.30
Antiskinning agent	ADDITOL® XL 297	Allnex	0.30
Substrate wetting agent	SURFYNOL® SE-F	Evonik	0.30
Defoamer	ADDITOL® VXW 4973	Allnex	0.30
	Demi. water		12.85
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	5.55
Calcium carbonate	Millicarb®	Omya	5.15
Magnesium silicate	FINNTALC M05N	Elementis	8.20
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	7.30
Grind with a bead mill.			
Rheology modifier	RHEOLATE® 255	Elementis	0.85
Neutralizing agent	AMP-90™	ANGUS Chemie	0.30
Add to the grind.			

100.00

Adjust pH 9.0 - 9.5 with ammonia, 10%.

Specifications

Vol.-% Anticorrosive pigment reg. pigment/filler	22.0
PVC in %	25.3
PVC / CPVC	0.5
Solids in %	53.7

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