

## in Alkyd emulsion

Water based coatings

Sudarshan formulation No. 295-05

Rev. Number: 01.01

05/03

Function	Product	Producer	PBW
Alkyd emulsion	RESYDROL® AZ 436w/45WA	Allnex	54.50
Neutralizing agent	Ammonia, 10%		0.80
Drier	ADDITOL® VXW 4940, 50% demi. water	Allnex	1.25
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
<b>Premix.</b>			
Calcium carbonate	Millicarb®	Omya	5.40
Anticorrosive pigment	HEUCOPHOS® ZAM-PLUS	Sudarshan	6.70
Magnesium silicate	FINNTALC M05N	Elementis	8.65
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	7.70
<b>Grind with a bead mill.</b>			
Rheology modifier	RHEOLATE® 255	Elementis	0.95
Neutralizing agent	AMP-90™	ANGUS Chemie	0.30
<b>Add to the grind.</b>			
			100.00

Adjust pH 9.0 - 9.5 with ammonia, 10%.

### Specifications

Vol.-% Anticorrosive pigment reg. pigment/filler	22.0
PVC in %	27.1
PVC / CPVC	0.5
Solids in %	55.0

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