

in Alkyd emulsion

Water based coatings

Sudarshan formulation No. 881-05

Rev. Number: 01.01

03/18

Function	Product	Producer	PBW
Alkyd emulsion	RESYDROL® AZ 436w/45WA	Allnex	56.95
Neutralizing agent	Ammonia, 10%		1.00
Wetting agent	Borchi® Gen 1253	Borchers	2.95
Defoamer	Borchers® AF 1171	Borchers	0.30
	Demi. water		13.10
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	4.80
Corrosion inhibitor	HEUCORIN® RZ	Sudarshan	0.55
Magnesium silicate	FINNTALC M05N	Elementis	7.80
Calcium carbonate	DURCAL 2	Omya	5.00
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	6.10
Grind with a bead mill.			
Rheology modifier	Borchi® Gel 0626	Borchers	1.00
Catalyst	Borchi® OXY - Coat 1101	Borchers	0.15
Neutralizing agent	AMP-90™	ANGUS Chemie	0.30
Add while stirring.			

100.00

Adjust pH 8.5 - 9.3 with ammonia.

Specifications

Vol.-% Anticorrosive pigment reg. pigment/filler	22.0
PVC in %	24.5
PVC / CPVC	0.5
Solids in %	50.0

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