

in Alkyd emulsion

Water based coatings

Sudarshan formulation No. 781-02

Rev. Number: 01.01

05/16

Function	Product	Producer	PBW
Alkyd emulsion	RESYDROL® AZ 436w/45WA	Allnex	60.00
Neutralizing agent	Ammonia, 10%		0.80
Drier	ADDITOL® VXW 4940, 50% demi. water	Allnex	1.40
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		13.00
Premix.			
Anticorrosive pigment	HEUCOPHOS® CMP	Sudarshan	4.40
Magnesium silicate	FINNTALC M05N	Elementis	7.00
Calcium carbonate	DURCAL 2	Omya	4.60
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	6.60
Grind with a bead mill.			
Rheology modifier	RHEOLATE® 255	Elementis	1.00
Neutralizing agent	AMP-90™	ANGUS Chemie	0.30
Add to the grind.			
			100.00
Adjust pH 9.0 - 9.5 with AMP-90.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			22.0
PVC in %			22.5
PVC / CPVC			0.5
Solids in %			49.7

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