

## in Alkyd emulsion

Water based coatings

Sudarshan formulation No. 996-03

Rev. Number: 01.01

04/21

Function	Product	Producer	PBW
Alkyd emulsion	RESYDROL® AZ 509w/45WA	Allnex	58.20
Neutralizing agent	Ammonia, 10%		1.00
	Demi. water		13.45
Wetting and dispersing agent	Borchi® Gen 1253	Borchers	0.60
Defoamer	Borchers® AF 1171	Borchers	0.30
<b>Premix.</b>			
Anticorrosive pigment	HEUCOPHOS® ZPO	Sudarshan	6.00
Magnesium silicate	FINNTALC M05N	Elementis	7.80
Calcium carbonate	DURCAL 2	Omya	5.10
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	6.10
<b>Grind with a bead mill.</b>			
Rheology modifier	Borchi® Gel 0626	Borchers	1.00
Drier	Borchi® OXY - Coat 1101	Borchers	0.15
Neutralizing agent	AMP-90™	ANGUS Chemie	0.30
<b>Add while stirring.</b>			
			<b>100.00</b>
<b>Adjust pH 8.5 - 9.3 with ammonia.</b>			
<b>Specifications</b>			
Vol.-% Anticorrosive pigment reg. pigment/filler			22.0
PVC in %			25.5
PVC / CPVC			0.5
Solids in %			51.1

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