

in Alkyd emulsion

Water based coatings

Sudarshan formulation No. 212-08

Rev. Number: 01.01

03/15

Function	Product	Producer	PBW
Alkyd emulsion	SYNTHALAT W 50	Synthopol Chemie	49.60
	Demi. water		6.20
Anticorrosive pigment	HEUCOPHOS® ACP	Sudarshan	7.60
Calcium carbonate	Millicarb®	Omya	5.75
Magnesium silicate	FINNTALC M05N	Elementis	8.05
Iron oxide red pigment	BAYFERROX® 222 FM	LANXESS	7.20
Rheology modifier	AEROSIL® R 972	Evonik	1.20
Substrate wetting agent	SURFYNOL® 104 E	Evonik	0.55
Grind with a bead mill.			
Drier	SOLAPLEX® WEB Cobalt 8%	Venator	0.20
Drier	Nuodex® WEB Manganese 9	Venator	0.20
Add components separately while stirring.			
	Demi. water		12.50
Corrosion inhibitor	NALZIN® FA 179	Elementis	0.55
Antiskinning agent	Exkin® 2	Venator	0.20
Wetting and dispersing agent	Borchi® Gen 1253	Borchers	0.20
Add while stirring.			
			100.00
Adjust pH 8.3 with ammonia, 10%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			30.0
Solids in %			48.6

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