

in 1K Polyurethane

Water based coatings

Sudarshan formulation No. 06287

Rev. Number: 01.01

07/06

Function	Product	Producer	PBW
Polyurethane dispersion	DAOTAN® VTW 1250/40WA	Allnex	55.50
Neutralizing agent	AMP-90™	ANGUS Chemie	0.20
Substrate wetting agent	SURFYNOL® SE-F	Evonik	0.30
Defoamer/Deaerator	ADDITOL® VXW 4909	Allnex	0.40
Defoamer	ADDITOL® VXW 4973	Allnex	0.40
	Demi. water		13.10
Premix.			
Anticorrosive pigment	Calcium Phosphate CP	Sudarshan	5.15
Magnesium silicate	FINNTALC M05N	Elementis	6.75
Calcium carbonate	Millicarb®	Omya	4.10
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	5.90
Rheology modifier	Borchi® Gel L 75 N, 10% in demi. water	Borchers	2.50
Grind with a bead mill, temperature < 40 °C.			
	Demi. water		3.20
Rheology modifier	Borchi® Gel L 75 N, 10% in demi. water	Borchers	2.50
Add while stirring.			
			100.00
Adjust pH 8.0 - 8.5 with ammonia, 10%.			

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