

in 1K Polyurethane

Water based coatings

Sudarshan formulation No. 714-04

Rev. Number: 01.01

01/14

Function	Product	Producer	PBW
Polyurethane dispersion	DAOTAN® VTW 1250/40WA	Allnex	68.60
Neutralizing agent	Ammonia, 10%		0.75
Substrate wetting agent	SURFYNOL® SE-F	Evonik	0.30
Defoamer	ADDITOL® VXW 4973	Allnex	0.45
	Demi. water		6.95
Premix.			
Anticorrosive pigment	HEUCOPHOS® CMP	Sudarshan	4.40
Magnesium silicate	FINNTALC M05N	Elementis	6.00
Calcium carbonate	Omyacarb® 2	Omya	4.05
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	5.00
Rheology modifier	Borchi® Gel L 75 N, 10% in demi. water	Borchers	1.75
Grind with a bead mill.			
Rheology modifier	Borchi® Gel L 75 N, 10% in demi. water	Borchers	1.75
Add while stirring.			
			100.00
Adjust pH 8.0 - 8.5 with ammonia, 10%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			25.0
PVC in %			20.6
PVC / CPVC			0.5

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