

in Styrene acrylic dispersion

Water based coatings

Sudarshan formulation No. 562-17

Rev. Number: 01.01

03/10

Function	Product	Producer	PBW
Styrene acrylic dispersion	Acronal® PRO 80	BASF	18.45
Defoamer	BYK®-022	BYK-Chemie	0.25
Substrate wetting agent	SURFYNOL® 104 PA	Evonik	0.40
Premix.			
	Demi. water		7.15
Surfactant	Lutensit® A-EP	BASF	0.10
Neutralizing agent	Ammonia		0.25
Premix and add while stirring.			
Solvent	Solvenon® PP	BASF	0.75
Solvent	Exxsol™ D60	ExxonMobil	0.75
Add while stirring.			
Anticorrosive pigment	HEUCOPHOS® ZMP	Sudarshan	11.25
Corrosion inhibitor	HEUCORIN® RZ	Sudarshan	1.25
Talc/chlorite filler	LUZENAC 20M2	Imerys	14.00
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	10.35
Grind with a bead mill.			
Styrene acrylic dispersion	Acronal® PRO 80	BASF	32.75
Defoamer	BYK®-022	BYK-Chemie	0.15
Add while stirring.			
Flash rust inhibitor	CHE®-COAT-CI LNFA4	C.H. Erbslöh	0.55
	Demi. water		0.55
Premix and add while stirring.			
Rheology modifier	Rheovis® PU 1280	BASF	0.20
Solvent	Butyl glycol		0.20
Premix and add while stirring.			
	Demi. water		0.65
Add while stirring.			
			100.00
Adjust pH 9.0 - 9.5 with ammonia.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			26.6
PVC in %			33.1
PVC / CPVC			0.6
Solids in %			63.7

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