

in Styrene acrylic dispersion

Water based coatings

Sudarshan formulation No. 09318

Rev. Number: 01.01

10/09

Function	Product	Producer	PBW
Styrene acrylic dispersion	Acronal® PRO 761	BASF	43.45
Defoamer	BYK®-022	BYK-Chemie	0.20
Premix.			
	Demi. water		5.80
Surfactant	Lutensit® A-EP	BASF	0.05
Neutralizing agent	Ammonia		1.10
Premix and add while stirring.			
Solvent	Solvenon® PP	BASF	0.70
Solvent	Exxsol™ D60	ExxonMobil	0.70
Add while stirring.			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	8.15
Calcium carbonate	Millicarb®	Omya	10.45
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	7.75
Grind with a bead mill.			
Styrene acrylic dispersion	Acronal® PRO 761	BASF	18.40
Defoamer	BYK®-022	BYK-Chemie	0.20
	Demi. water		0.40
Add while stirring.			
Rheology modifier	Rheovis® PU 1280	BASF	0.35
Solvent	Butyl glycol		1.30
Premix and add while stirring.			
Solvent	Butyl glycol		1.00
Add while stirring.			
			100.00
Adjust pH 9.0 - 9.5 with ammonia.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			30.0
PVC in %			21.8
PVC / CPVC			0.4

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