

## in Styrene acrylic dispersion

Water based coatings

Sudarshan formulation No. 664-07

Rev. Number: 01.01

01/14

Function	Product	Producer	PBW
Styrene acrylic dispersion	Acronal® PRO 80	BASF	19.75
Defoamer	BYK®-022	BYK-Chemie	0.25
Substrate wetting agent	SURFYNOL® 104 PA	Evonik	0.35
<b>Premix.</b>			
	Demi. water		6.65
Surfactant	Lutensit® A-EP	BASF	0.10
Neutralizing agent	Ammonia, 25%		0.25
<b>Premix and add while stirring.</b>			
Coalescing agent	DOWANOL™ PPh	Dow	0.70
Solvent	Exxsol™ D60	ExxonMobil	0.70
<b>Add while stirring.</b>			
	Demi. water		7.45
Anticorrosive pigment	HEUCOPHOS® CMP	Sudarshan	7.40
Talc/chlorite filler	LUZENAC 20M2	Imerys	11.40
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	8.45
<b>Grind with a bead mill.</b>			
Styrene acrylic dispersion	Acronal® PRO 80	BASF	35.10
Defoamer	BYK®-022	BYK-Chemie	0.15
<b>Add while stirring.</b>			
Flash rust inhibitor	CHE®-COAT-CI LNFA4	C.H. Erbslöh	0.50
	Demi. water		0.50
<b>Premix and add while stirring.</b>			
Rheology modifier	Rheovis® PU 1280	BASF	0.15
Solvent	Butyl glycol		0.15
<b>Premix and add while stirring.</b>			
			100.00
<b>Adjust pH 9.0 - 9.5 with ammonia.</b>			
<b>Specifications</b>			
Vol.-% Anticorrosive pigment reg. pigment/filler			30.9
PVC in %			27.3
PVC / CPVC			0.6

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