

## in Acrylic dispersion

Water based coatings

Sudarshan formulation No. 486-08

Rev. Number: 01.01

02/09

Function	Product	Producer	PBW
Acrylic dispersion	Plextol® R 5530	Synthomer	17.25
Defoamer	BYK®-022	BYK-Chemie	0.10
	Demi. water		8.40
<b>Premix.</b>			
Anticorrosive pigment	HEUCOPHOS® ZAM-PLUS	Sudarshan	6.20
Calcium carbonate	SNOWCAL 60	Omya	9.30
Muscovite mica	MICA TF	Aspanger	1.75
Titanium dioxide	KRONOS® 2190	KRONOS	12.65
Neutralizing agent	Ammonia, 25%		0.30
	Demi. water		1.00
Substrate wetting agent	SURFYNOL® 104 E	Evonik	0.25
<b>Grind 30 minutes with a bead mill.</b>			
Acrylic dispersion	Plextol® R 5530	Synthomer	37.85
Solvent	Butyl diglycol		2.50
Coalescing agent	DAPRO® FX 510	Elementis	1.10
Defoamer	Foamaster® 8034	BASF	0.05
Rheology modifier	Rheovis® PU 1280	BASF	0.10
Rheology modifier	RHEOLATE® 244	Elementis	0.20
Corrosion inhibitor	NALZIN® FA 179	Elementis	1.00
<b>Add to the grind.</b>			
			100.00
<b>Adjust pH 8.2 - 8.5 with ammonia, 25%.</b>			
<b>Specifications</b>			
Vol.-% Anticorrosive pigment reg. pigment/filler			19.0
PVC in %			25.8
CPVC in %			64.5
PVC / CPVC			0.4

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