

in Styrene acrylic dispersion

Water based coatings

Sudarshan formulation No. 763A-05

Rev. Number: 01.01

03/15

Function	Product	Producer	PBW
	Demi. water		12.30
Dispersing agent	OROTAN™ 731-A-ER Dispersant	Dow	1.35
Solvent	Butyl glycol		6.10
Neutralizing agent	DMEA		0.15
Corrosion inhibitor	NALZIN® FA 379	Elementis	0.70
Styrene acrylic dispersion	NeoCryl® XK-87	DSM Coating Resins	20.20
Premix.			
Anticorrosive pigment	HEUCOPHOS® ACP	Sudarshan	6.15
Magnesium silicate	Microtalc™ IT Extra	Elementis	4.90
Titanium dioxide	KRONOS® 2190	KRONOS	7.40
Grind to a fineness of < 20 microns, temperature < 40 °C.			
Letdown:			
Styrene acrylic dispersion	NeoCryl® XK-87	DSM Coating Resins	36.65
Coalescing agent	Eastman Texanol™	Eastman Chemical	2.30
Defoamer	BYK®-022	BYK-Chemie	0.40
Corrosion inhibitor	NACORR® 1652	King Industries	0.70
Add while stirring.			
Rheology modifier	RHEOLATE® FX 1070	Elementis	0.70
			100.00
Adjust pH 8.1 - 8.3 with ammonia, 25%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			36.5
PVC in %			18.8
PVC / CPVC			0.5
Solids in %			47.4

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