

in Styrene acrylic dispersion

Water based coatings

Heubach formulation No. 907-16

Rev. Number: 01.01

03/20

Function	Product	Producer	PBW
Slurry:			
	Demi. water		9.50
Coalescing agent	Eastman Optifilm™ Enhancer 300	Eastman Chemical	0.55
Dispersing agent	OROTAN™ 850 ER LO Dispersant	Dow	0.70
Wetting and dispersing agent	EDAPLAN® 490	MÜNZING	0.50
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZMP	Heubach	8.50
Magnesium silicate	Talc LP30	LITHOS Industrial Minerals	2.65
Barium sulfate	BLANC FIXE micro®	Venator	6.70
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	6.30
Add while stirring.			
Defoamer	Drewplus™ TS-4385	Ashland	0.10
Flash rust inhibitor	CHE®-COAT-CI LNFA4	C.H. Erbslöh	0.10
	Demi. water		0.10
Surfactant	BYK®-349	BYK-Chemie	0.05
Corrosion inhibitor	ASCONIUM® -142DA	ASCOTEC	1.00
Neutralizing agent	Ammonia, 25%		0.10
Rheology modifier	TAFIGEL® PUR 45	MÜNZING	0.30
Grind with a bead mill.			
Styrene acrylic dispersion	Acronal® PRO 7600	BASF	62.85
Add while stirring.			
			100.00
Adjust pH 9.2 - 9.5 with ammonia, 25%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			39.5
PVC in %			23.2
PVC / CPVC			0.4
Solids in %			55.6

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