

in Styrene acrylic dispersion

Water based coatings

Heubach formulation No. 1000-05

Rev. Number: 01.01

08/21

Function	Product	Producer	PBW
Slurry:			
	Demi. water		9.50
Coalescing agent	Loxanol® CA 5330	BASF	0.55
Dispersing agent	OROTAN™ 850 ER LO Dispersant	Dow	0.70
Dispersing agent	Dispex® Ultra PX 4290	BASF	0.50
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZMP	Heubach	8.25
Magnesium silicate	Talc LP30	LITHOS Industrial Minerals	2.60
Barium sulfate	BLANC FIXE micro®	Venator	6.50
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	6.10
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	0.10
Corrosion inhibitor	ASCONIUM® -142DA	ASCOTEC	0.95
	Demi. water		0.70
Neutralizing agent	Ammonia, 25%		0.10
Rheology modifier	Rheovis® PU 1214	BASF	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 %			54.9

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