

in Styrene acrylic dispersion

Water based coatings

BASF formulation No. 18116AS/R9

Rev. Number: 01.01

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Function	Product	Producer	PBW
Styrene acrylic dispersion	Acronal® PRO 7600	BASF	39.85
Defoamer	FoamStar® SI 2210	BASF	0.20
	Demi. water		4.85
Dispersing agent	Hydropalat® WE 3425	BASF	0.05
Neutralizing agent	Ammonia, 25%		0.45
Solvent	1-Phenoxy-2-propanol		0.60
Solvent	White Spirit (180-210 °C)		0.60
Premix.			
Anticorrosive pigment	HEUCOPHOS® CMP	Heubach	6.25
Magnesium silicate	Talc LP30	LITHOS Industrial Minerals	4.45
Titanium dioxide	KRONOS® 2190	KRONOS	14.70
Grind with a bead mill.			
Flash rust inhibitor	CHE®-COAT-CI LNFA4	C.H. Erbslöh	0.20
	Demi. water		0.20
Letdown:			
Styrene acrylic dispersion	Acronal® PRO 7600	BASF	16.85
Defoamer	FoamStar® SI 2210	BASF	0.20
Add while stirring.			
	Demi. water		3.90
Neutralizing agent	Ammonia, 25%		0.55
Corrosion inhibitor	ASCONIUM® -143	ASCOTEC	5.15
Premix and add while stirring.			
Rheology modifier	Rheovis® PU 1191	BASF	0.45
Solvent	Butyl glycol		0.45
Premix and add while stirring.			
Neutralizing agent	Ammonia, 25%		0.05
Add to the grind.			
			100.00
Adjust pH 9.3 - 9.5 with ammonia, 25%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			30.1
PVC in %			22.0
Solids in %			60.0

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