

in Styrene acrylic dispersion

Water based coatings

Heubach formulation No. 840-02

Rev. Number: 01.01

01/17

Function	Product	Producer	PBW
Styrene acrylic dispersion	Acronal® PRO 780	BASF	18.30
Defoamer	BYK®-022	BYK-Chemie	0.30
Substrate wetting agent	SURFYNOL® 104 PA	Evonik	0.40
Premix.			
	Demi. water		7.15
Surfactant	Lutensit® A-EP	BASF	0.10
Neutralizing agent	Ammonia, 25%		0.30
Premix and add while stirring.			
Coalescing agent	DOWANOL™ PPh	Dow	0.70
Solvent	Exxsol™ D60	ExxonMobil	0.70
Add while stirring.			
Anticorrosive pigment	HEUCOPHOS® ZMP	Heubach	12.60
Magnesium silicate	Talc LP30	LITHOS Industrial Minerals	14.20
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	10.50
Grind with a bead mill.			
Letdown:			
Styrene acrylic dispersion	Acronal® PRO 780	BASF	32.50
Defoamer	BYK®-022	BYK-Chemie	0.10
Flash rust inhibitor	CHE®-COAT-CI LNFA4, 50% demi. water	C.H. Erbslöh	1.10
Add while stirring.			
Rheology modifier	Rheovis® PU 1270	BASF	0.20
Solvent	Butyl glycol		0.20
	Demi. water		0.65
			100.00
Adjust pH 9.1 - 9.5 with ammonia, 25%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			30.0
PVC in %			31.4
PVC / CPVC			0.6
Solids in %			62.8

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