

in Styrene acrylic dispersion

Water based coatings

Synthomer formulation No. WB ACP 10

Rev. Number: 01.01

10/13

Function	Product	Producer	PBW
	Demi. water		14.00
Rheology modifier	ACRYSOL™ RM-5000	Dow	0.50
Add in order under stirring.			
Wetting and dispersing agent	TEGO® Dispers 750 W	Evonik	0.50
Substrate wetting agent	SURFYNOL® 104 E	Evonik	0.40
Neutralizing agent	AMP-90™	ANGUS Chemie	0.20
Defoamer	BYK®-023	BYK-Chemie	0.20
Mix well and add under stirring.			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	8.00
Magnesium silicate	PLUSTALC™ D30E	Elementis	6.00
Titanium dioxide	TIOXIDE® TR92	Venator	8.00
Barium sulfate	BLANC FIXE™ N	Venator	6.00
Iron oxide black pigment	BAYFERROX® 316	LANXESS	0.35
Disperse at high speed then add.			
Styrene acrylic dispersion	Pliotec® HDT12	Synthomer	50.00
Coalescing agent	DOWANOL™ DPM	Dow	0.90
Coalescing agent	DOWANOL™ DPnB	Dow	1.00
Coalescing agent	Eastman Optifilm™ Enhancer 300	Eastman Chemical	0.50
Mix well then add under medium shear.			
	Demi. water		2.45
Rheology modifier	ACRYSOL™ RM-8W	Dow	0.20
Flash rust inhibitor	AB RUST® A4	Laboratoires LABEMA	0.80
			100.00

Specifications

Vol.-% Anticorrosive pigment reg. pigment/filler	28.8
PVC in %	19.0
Solids in %	47.1

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