

in Alkyd emulsion

Water based coatings

DSM Coating Resins formulation No. AZ06014

Rev. Number: 01.01

02/06

Function	Product	Producer	PBW
	Demi. water		8.50
Wetting and dispersing agent	DISPERBYK®-190	BYK-Chemie	2.00
Defoamer	AGITAN® 295	MÜNZING	0.05
Premix.			
	Demi. water		1.90
Rheology modifier	BENTONE® EW	Elementis	0.10
Add while stirring.			
Anticorrosive pigment	HEUCOPHOS® ZAPP	Sudarshan	8.00
Calcium carbonate	Millicarb®	Omya	6.25
Magnesium silicate	FINNTALC M05N	Elementis	3.25
Titanium dioxide	KRONOS® 2190	KRONOS	10.00
Carbon black pigment	Lamp black® 101	Orion Engineered Carbons	0.20
Rheology modifier	AEROSIL® R 974	Evonik	0.35
Grind with a bead mill.			
PU modified alkyd emulsion	Uradil™ AZ601 Z-44	DSM Coating Resins	57.50
Rheology modifier	ACRYSOL™ RM-1020	Dow	1.00
Drier	Durham Nuodex® Calcium 10	Venator	0.15
Defoamer	AGITAN® 295	MÜNZING	0.05
Corrosion inhibitor	NALZIN® FA 179	Elementis	0.30
	Demi. water		0.40
Add while stirring.			
			100.00
Specifications			
PVC in %			29.1
Solids in %			53.6

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