

in Alkyd emulsion

Water based coatings

Heubach formulation No. 972-07

Rev. Number: 01.01

03/21

Function	Product	Producer	PBW
	Demi. water		8.00
Wetting and dispersing agent	DISPERBYK®-190	BYK-Chemie	1.00
Rheology modifier	Rheovis®PE 1320 NC/PU 1214 NC, 1:0.3	BASF	0.60
Defoamer/Deaerator	TEGO® Airex 902 W	Evonik	0.20
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZAM-PLUS	Heubach	6.10
Corrosion inhibitor	HEUCORIN® RZ	Heubach	0.65
Magnesium silicate	MISTRON® 75-6 A	Imerys	4.10
Calcium/Magnesium carbonate	MICRODOL® SUPER	Omya	10.60
Carbon black pigment	Lamp black® 101	Orion Engineered Carbons	0.05
Titanium dioxide	KRONOS® 2190	KRONOS	10.30
Grind with a bead mill.			
	Demi. water		3.00
PU modified alkyd emulsion	WorléeSol E 330 W	Worlée-Chemie	49.50
	Demi. water		3.80
Defoamer/Deaerator	TEGO® Airex 902 W	Evonik	0.30
Solvent	Butyl glycol		0.50
Flash rust inhibitor	HEUCOFLASH™ LQ2	Heubach	1.00
Rheology modifier	Rheovis®PE 1320 NC/PU 1214 NC, 1:0.3	BASF	0.30
Add while stirring.			
			100.00
Adjust pH 7.0 - 8.5 with ammonia.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			20.0
PVC in %			34.6
PVC / CPVC			0.6
Solids in %			52.7

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