

in 1K Polyurethane

Water based coatings

Heubach formulation No. 153-05

Rev. Number: 01.01

12/93

Function	Product	Producer	PBW
Polyurethane dispersion	DAOTAN® VTW 1250/40WA	Allnex	63.00
Neutralizing agent	Ammonia, 10%		0.90
Substrate wetting agent	SURFYNOL® SE-F	Evonik	0.30
Defoamer	ADDITOL® VXW 4973	Allnex	0.50
	Demi. water		3.30
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZMP	Heubach	6.10
Magnesium silicate	FINNTALC M05N	Elementis	7.30
Calcium carbonate	Millicarb®	Omya	4.80
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	5.60
Rheology modifier	Borchi® Gel L 75 N, 10% in demi. water	Borchers	2.50
Grind with a bead mill.			
	Demi. water		3.20
Rheology modifier	Borchi® Gel L 75 N, 10% in demi. water	Borchers	2.50
Add while stirring.			
			100.00
Adjust pH 8.0 - 8.5 with ammonia, 10%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			25.0
PVC in %			24.1
Solids in %			48.4

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