

in High solid polyurethane

Solvent based coatings

Heubach formulation No. 587-03

Rev. Number: 01.01

10/09

Function	Product	Producer	PBW
Component A			
Acrylic polyol	SETALUX® D A 160 X	Allnex	21.85
Acrylic polyol	SETALUX® D A 450 BA/X	Allnex	7.30
Premix.			
Solvent	Xylene		3.95
Wetting and dispersing agent	ANTI-TERRA®-204	BYK-Chemie	0.15
Rheology modifier	BENTONE® 38	Elementis	0.45
Mix until uniform paste prior to addition.			
Defoamer	MODAFLOW® RESIN, 1% in Xylene	Allnex	1.20
Defoamer	BYK®-141	BYK-Chemie	0.25
Solvent	Ethyl acetate		1.00
Solvent	Butyl acetate		1.00
Solvent	Xylene		1.00
Add while stirring.			
Anticorrosive pigment	HEUCOPHOS® ZPA	Heubach	4.80
Magnesium silicate	FINNTALC M15	Elementis	2.30
Titanium dioxide	Crenox RKB5	Crenox	8.00
Barium sulfate	BLANC FIXE micro®	Venator	25.85
Iron and manganese oxide black	BAYFERROX® 303 T	LANXESS	0.20
Rheology modifier	AEROSIL® R 972	Evonik	0.15
Grind with a bead mill.			
Solvent	Ethyl acetate		1.00
Solvent	Butyl acetate		1.00
Solvent	Xylene		1.00
Catalyst	Dibutyltin dilaurate		0.25
Add while stirring.			
			82.70
Component B			
Curing agent	Desmodur® N 75 BA	Covestro	6.35
Solvent	Ethyl acetate		3.65
Solvent	Butyl acetate		3.65
Solvent	Xylene		3.65
Premix and add while stirring.			
			17.30
			100.00
Mix components A and B thoroughly prior to use.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			15.0
PVC in %			34.7
PVC / CPVC			0.6

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Our application information and any other information in this document as well as our product specifications are based on our current state of knowledge at the Revision Date mentioned in the respective document. They are non-binding and cannot be taken as a guarantee. The processing company must establish the suitability of individual products itself. As their use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in particular applications. In addition to that, the legal rights of third parties must always be considered. The product specification agreed between the customer and ourselves is the basis upon which our general sales and delivery conditions are set and is the deciding factor concerning any liabilities. Our standard specification is then valid if no specification has been agreed upon between the customer and ourselves.

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Solids in %

61.8

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