

in 2K Polyurethane

Water based coatings

Sudarshan formulation No. 376-20

Rev. Number: 01.01

01/06

Function	Product	Producer	PBW
Component A			
Polyacrylic dispersion	Bayhydrol® A 145	Covestro	41.95
Defoaming and wetting agent	EnviroGem® AD01	Evonik	0.75
Wetting and dispersing agent	Borchi® Gen SN 95	Borchers	1.65
Defoamer	BYK®-011	BYK-Chemie	1.50
Flash rust inhibitor	CHE®-COAT-CI L8AF	C.H. Erbslöh	0.20
Flash rust inhibitor	CHE®-COAT-CI L8NF	C.H. Erbslöh	0.20
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZPA	Sudarshan	5.40
Anticorrosive pigment	HEUCOPHOS® CAPP	Sudarshan	5.40
Calcium carbonate	Omyacarb® 1T	Omya	17.80
Calcium carbonate	CALCILIT SUPER G	Alpha Calcit	3.85
Magnesium silicate	FINNTALC M05N	Elementis	3.85
Titanium dioxide	SACHTLEBEN R-KB-4	Venator	4.60
	Demi. water		1.00
Grind to a fineness of app. 20 microns.			
Levelling agent	BYK®-380 N	BYK-Chemie	0.50
Add while stirring.			
			88.65
Component B			
Curing agent	Desmodur® N 3900	Covestro	9.10
Solvent	Butoxyl		2.25
Premix and add while stirring.			
			11.35
Mix components A and B thoroughly prior to use.			
			100.00
Add water to obtain processing viscosity.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			25.0
PVC in %			36.0
PVC / CPVC			0.6
Solids in %			69.0

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