

in 2K Polyurethane

Water based coatings

Sudarshan formulation No. 692-23

Rev. Number: 01.01

01/13

Function	Product	Producer	PBW
Component A			
Polyacrylic dispersion	Bayhydrol® A 145	Covestro	43.05
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
Corrosion inhibitor	NALZIN® FA 379	Elementis	0.50
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZPA	Sudarshan	10.45
Calcium carbonate	Omyacarb® 1T	Omya	17.25
Calcium carbonate	CALCILIT SUPER G	Alpha Calcit	3.70
Talc/chlorite filler	LUZENAC 20M2	Imerys	3.45
Titanium dioxide	SACHTLEBEN R-KB-4	Venator	4.50
	Demi. water		1.00
Grind to a fineness of app. 20 microns.			
Levelling agent	BYK®-380 N	BYK-Chemie	0.50
Add while stirring.			
			88.30
Component B			
Curing agent	Desmodur® N 3900	Covestro	9.35
Solvent	Butoxyl		2.35
Premix and add while stirring.			
			11.70
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 %			35.3
PVC / CPVC			0.6
Solids in %			69.0

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