

in 2K Polyurethane

Water based coatings

Sudarshan formulation No. 691-23

Rev. Number: 01.01

01/13

Function	Product	Producer	PBW
Component A			
	Demi. water		10.80
Wetting and dispersing agent	DISPERBYK®-190	BYK-Chemie	6.10
Anticorrosive pigment	HEUCOPHOS® ZPA	Sudarshan	12.60
Calcium carbonate	Omyacarb® 1T	Omya	14.35
Calcium carbonate	CALCILIT SUPER G	Alpha Calcit	3.00
Talc/chlorite filler	LUZENAC 20M2	Imerys	3.00
Titanium dioxide	SACHTLEBEN R-KB-4	Venator	4.10
Grind to a fineness of app. 20 microns.			
Polyacrylic dispersion	Bayhydrol® A 2695	Covestro	29.20
Defoamer	BYK®-011	BYK-Chemie	0.80
Corrosion inhibitor	NALZIN® FA 379	Elementis	0.50
Rheology modifier	DSX® 1514, 8% in demi. water	BASF	0.80
Add to the grind.			
			85.25
Component B			
Curing agent	Desmodur® N 3900	Covestro	11.80
Solvent	Butoxyl		2.95
Premix and add while stirring.			
			14.75
Mix components A and B thoroughly prior to use.			
			100.00
Add water to obtain processing viscosity.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			32.2
PVC in %			38.1
PVC / CPVC			0.7
Solids in %			60.8

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