

in 2K Polyurethane

Water based coatings

Sudarshan formulation No. 406-02

Rev. Number: 01.01

01/06

Function	Product	Producer	PBW
Component A			
Acrylic resin	MACRYNAL® VSM 6299W/42WA	Allnex	40.30
Defoaming and wetting agent	EnviroGem® AD01	Evonik	0.75
Wetting and dispersing agent	NUOSPERSE® W-28	Elementis	1.65
Defoamer	BYK®-011	BYK-Chemie	1.45
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	10.65
Calcium carbonate	Omyacarb® 1T	Omya	17.60
Calcium carbonate	CALCILIT SUPER G	Alpha Calcit	3.80
Magnesium silicate	FINNTALC M05N	Elementis	3.80
Titanium dioxide	KRONOS® 2310	KRONOS	4.55
	Demi. water		2.55
Grind to a fineness of app. 20 microns.			
			87.50
Component B			
Curing agent	Desmodur® N 3900	Covestro	10.10
Glycol ether	PROGLYDE™ DMM	Dow	2.40
Premix and add while stirring.			
			12.50
Mix components A and B thoroughly prior to use.			
			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			25.0
PVC in %			37.0
PVC / CPVC			0.6
Solids in %			67.0

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