

in Direct to metal

Specialty coatings

Sudarshan formulation No. 796-04

Rev. Number: 01.01

09/15

Function	Product	Producer	PBW
Component A			
Acrylic polyol	SETALUX® D A 870 BA	Allnex	39.80
Wetting and dispersing agent	DISPERBYK®-110	BYK-Chemie	1.15
Surfactant	BYK®-358 N	BYK-Chemie	0.75
Levelling agent/Defoamer	BYK®-077	BYK-Chemie	1.15
Premix.			
Solvent	Xylene		3.70
Wetting and dispersing agent	ANTI-TERRA®-204	BYK-Chemie	0.10
Rheology modifier	BENTONE® 38	Elementis	0.35
Mix until uniform paste prior to addition.			
Anticorrosive pigment	HEUCOPHOS® CMP	Sudarshan	4.30
Titanium dioxide	TIOXIDE® TR92	Venator	23.90
Grind to a fineness of < 20 microns, temperature < 40 °C.			
Light stabilizer	Tinuvin® 292	BASF	0.40
Solvent	Eastman™ EEP	Eastman Chemical	7.00
Solvent	Eastman™ MAK	Eastman Chemical	3.30
Add to the grind.			
			85.90
Component B			
Curing agent	Desmodur® N 3300	Covestro	13.60
			14.10
Mix components A and B thoroughly prior to use.			
Adhesion promoter	Dynasylan® GLYMO	Evonik	0.50
			14.10
Mix components A and B thoroughly prior to use.			
			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			20.5
PVC in %			16.9
PVC / CPVC			0.3
Solids in %			69.8

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