

in 2K Epoxy

Solvent based coatings

Sudarshan formulation No. 362-06

Rev. Number: 01.01

09/05

Function	Product	Producer	PBW
Component A			
Epoxy resin	BECKOPOX® EP 301/75X	Allnex	19.10
Epoxy resin	BECKOPOX® EP 116	Allnex	0.95
Glycol ether	DOWANOL™ PM	Dow	6.20
Solvent	Methyl isoamyl ketone		1.55
Solvent	Xylene		8.75
Premix.			
Solvent	Xylene		4.60
Wetting and dispersing agent	ANTI-TERRA®-204	BYK-Chemie	0.05
Rheology modifier	BENTONE® 38	Elementis	0.25
Rheology modifier	TIXOGEL®-VP	BYK-Chemie	0.25
Mix until uniform paste prior to addition.			
Rheology modifier	AEROSIL® R 972	Evonik	0.45
Wetting and dispersing agent	ANTI-TERRA®-204	BYK-Chemie	0.50
Magnesium silicate	FINNTALC M15	Elementis	15.90
Barium sulfate	Albasoft 70	Sachtleben Minerals	17.10
Titanium dioxide	KRONOS® 2190	KRONOS	3.55
Anticorrosive pigment	HEUCOPHOS® ZAM-PLUS	Sudarshan	10.55
Carbon black pigment	Lamp black® 101	Orion Engineered Carbons	0.05
Grind with a bead mill.			
			89.80
Component B			
Curing agent	Versamid® 115	IMCD	7.15
Solvent	Xylene		3.05
Premix and add while stirring.			
			10.20
Mix components A and B thoroughly prior to use.			
			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			22.0
PVC in %			40.1
PVC / CPVC			0.7
Solids in %			70.8

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