

in 2K Epoxy

Solvent based coatings

Sudarshan formulation No. 933-08

Rev. Number: 01.01

05/19

Function	Product	Producer	PBW
Component A			
Epoxy resin	BECKOPOX® EP 301/75X	Allnex	20.75
Epoxy resin	BECKOPOX® EP 116	Allnex	1.05
Glycol ether	DOWANOL™ PM	Dow	5.75
Solvent	Methyl isoamyl ketone		1.40
Solvent	Xylene		8.15
Premix.			
Solvent	Xylene		4.25
Wetting and dispersing agent	ANTI-TERRA®-204	BYK-Chemie	0.05
Rheology modifier	BENTONE® 38	Elementis	0.30
Rheology modifier	TIXOGEL®-VP	BYK-Chemie	0.25
Mix until uniform paste prior to addition.			
Rheology modifier	AEROSIL® R 972	Evonik	0.40
Wetting and dispersing agent	ANTI-TERRA®-204	BYK-Chemie	0.45
Magnesium silicate	FINNTALC M15	Elementis	13.75
Barium sulfate	Albasoft 70	Sachtleben Minerals	14.75
Titanium dioxide	KRONOS® 2190	KRONOS	3.10
Anticorrosive pigment	HEUCOPHOS® SAPP	Sudarshan	7.25
Carbon black pigment	Lamp black® 101	Orion Engineered Carbons	0.05
Grind with a bead mill.			
Glycol ether	DOWANOL™ PM	Dow	2.70
Solvent	Methyl isoamyl ketone		0.70
Solvent	Xylene		3.80
Premix and add while stirring.			
			88.90
Component B			
Curing agent	HARD D 115/70X	IMCD	11.10
Add while stirring.			
			11.10
Mix components A and B thoroughly prior to use.			
			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			22.0
PVC in %			34.7
PVC / CPVC			0.7
Solids in %			64.5
Crosslinking in %			100.0

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