

in 2K Epoxy

Solvent based coatings

Sudarshan formulation No. 675-19

Rev. Number: 01.01

09/14

Function	Product	Producer	PBW
Component A			
Epoxy resin	BECKOPOX® EP 301/75X	Allnex	21.85
Epoxy resin	BECKOPOX® EP 116	Allnex	1.10
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	14.80
Barium sulfate	Albasoft 70	Sachtleben Minerals	15.90
Titanium dioxide	KRONOS® 2190	KRONOS	3.30
Anticorrosive pigment	HEUCOPHOS® ZPA	Sudarshan	8.70
Carbon black pigment	Lamp black® 101	Orion Engineered Carbons	0.05
Grind with a bead mill.			
			88.30
Component B			
Curing agent	Versamid® 115/70X	IMCD	11.70
Add while stirring.			
			11.70
Mix components A and B thoroughly prior to use.			
			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			22.0
PVC in %			35.3
PVC / CPVC			0.7
Solids in %			69.7

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