

in 2K Epoxy

Solvent based coatings

Sudarshan formulation No. 983-10

Rev. Number: 01.01

04/21

Function	Product	Producer	PBW
Component A			
Epoxy resin	BECKOPOX® EP 301/75X	Allnex	22.20
Epoxy resin	BECKOPOX® EP 116	Allnex	1.15
Glycol ether	DOWANOL™ PM	Dow	6.20
Solvent	Methyl isoamyl ketone		1.55
Solvent	Xylene		8.80
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	14.85
Barium sulfate	Albasoft 70	Sachtleben Minerals	15.95
Titanium dioxide	KRONOS® 2190	KRONOS	3.40
Anticorrosive pigment	HEUCOPHOS® ZPA	Sudarshan	7.85
Carbon black pigment	Lamp black® 101	Orion Engineered Carbons	0.05
Grind with a bead mill.			

88.10

Component B			
Curing agent	HARD D 115/70X	IMCD	11.90
Add while stirring.			

11.90

Mix components A and B thoroughly prior to use.			

100.00

Specifications	
Vol.-% Anticorrosive pigment reg. pigment/filler	22.0
PVC in %	35.0
PVC / CPVC	0.7
Solids in %	68.3
Crosslinking in %	104.0

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