

## in 2K Epoxy

Solvent based coatings

Sudarshan formulation No. 872-04

Rev. Number: 01.01

02/18

Function	Product	Producer	PBW
<b>Component A</b>			
Epoxy resin	BECKOPOX® EP 301/75X	Allnex	22.05
Epoxy resin	BECKOPOX® EP 116	Allnex	1.15
Glycol ether	DOWANOL™ PM	Dow	6.20
Solvent	Methyl isoamyl ketone		1.55
Solvent	Xylene		8.75
<b>Premix.</b>			
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
<b>Mix until uniform paste prior to addition.</b>			
Rheology modifier	AEROSIL® R 972	Evonik	0.45
Wetting and dispersing agent	ANTI-TERRA®-204	BYK-Chemie	0.50
Magnesium silicate	FINNTALC M15	Elementis	14.60
Barium sulfate	Albasoft 70	Sachtleben Minerals	15.65
Titanium dioxide	KRONOS® 2190	KRONOS	3.30
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	7.90
Corrosion inhibitor	HEUCORIN® RZ	Sudarshan	0.90
Carbon black pigment	Lamp black® 101	Orion Engineered Carbons	0.05
<b>Grind with a bead mill.</b>			
			88.20
<b>Component B</b>			
Curing agent	HARD D 115/70X	IMCD	11.80
<b>Add while stirring.</b>			
			11.80
<b>Mix components A and B thoroughly prior to use.</b>			
			100.00
<b>Specifications</b>			
Vol.-% Anticorrosive pigment reg. pigment/filler			19.7
PVC in %			34.8
PVC / CPVC			0.7
Solids in %			69.6

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