

in 2K Epoxy

Water based coatings

Sudarshan formulation No. 00186

Rev. Number: 01.01

08/00

Function	Product	Producer	PBW
Component A			
Epoxy dispersion	EPI-REZ™ Resin 3520-WY-55	Hexion	27.80
	Demi. water		7.20
Wetting and dispersing agent	DISPERBYK®-190	BYK-Chemie	0.40
Solvent	Benzyl alcohol		0.70
Glycol ether	DOWANOL™ PM	Dow	0.40
Defoamer	DEE FO® PI-40	MÜNZING	0.15
Premix.			
Anticorrosive pigment	HEUCOPHOS® SAPP	Sudarshan	8.30
Silica/Alumina Ceramic	Zeeospheres™ G-400	Zeeosphere Ceramics	6.15
Muscovite mica	Micro Mica™ W1	Omya	0.80
Wollastonite	10 ES WOLLASTOCOAT®	NYCO Minerals	9.15
Barium sulfate	Albasoft 70	Sachtleben Minerals	6.15
Iron oxide red pigment	BAYFERROX® 222 FM	LANXESS	6.15
Grind with a bead mill.			
Epoxy dispersion	EPI-REZ™ Resin 3520-WY-55	Hexion	9.40
Defoamer	DEE FO® PI-40	MÜNZING	0.10
	Demi. water		2.40
Add while stirring.			
			85.25
Component B			
Curing agent	ANQUAMINE® 419	Evonik	6.40
Glycol ether	DOWANOL™ PM	Dow	1.10
	Glacial acetic acid		0.05
	Demi. water		7.20
Add while stirring.			
			14.75
Mix components A and B thoroughly prior to use.			
			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			24.3
PVC in %			36.2
Solids in %			61.3

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