

in 2K Epoxy

Water based coatings

Sudarshan formulation No. 448-10

Rev. Number: 01.01

04/17

Function	Product	Producer	PBW
Component A			
Epoxy resin	Araldite® GY 776	Huntsman Advanced Materials	8.25
Glycol ether	DOWANOL™ PPh	Dow	2.10
Levelling/antiratering agent	Efka® 3580	BASF	0.20
Defoamer	BYK®-011	BYK-Chemie	0.30
	Demi. water		14.00
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	8.20
Muscovite mica	MICA SG	Aspanger	0.55
Wollastonite	TREMIN® 283-600 EST	HPF The Mineral Engineers	7.55
Titanium dioxide	Ti-Pure™ R-960	The Chemours Company	7.70
Barium sulfate	Albasoft 70	Sachtleben Minerals	5.05
Grind with a bead mill.			
Adhesion promoter	CoatOSil™ 1770 silane	Momentive	0.55
	Demi. water		9.40
Epoxy resin	Araldite® GY 776	Huntsman Advanced Materials	4.05
Flash rust inhibitor	RAYBO 80 NoRust	Raybo Chemical	0.15
Add while stirring.			68.05
Component B			
Curing agent	Aradur® 3986	Huntsman Advanced Materials	27.45
	Demi. water		4.50
Add while stirring.			31.95
Mix components A and B thoroughly prior to use.			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			29.9
PVC in %			29.8
PVC / CPVC			0.5
Solids in %			69.3

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