

in Hybrid resin

Other water based coatings

Sudarshan formulation No. 555-07

Rev. Number: 01.01

02/11

Function	Product	Producer	PBW
Water soluble alkyd	WorléeSol 61 P, 60%WA/BG/BuOH 2:1:1	Worlée-Chemie	10.45
Delivery form with ammonia fully neutralized.			
	Demi. water		16.10
Coalescing agent	DOWANOL™ DPM	Dow	1.50
Substrate wetting agent	SURFYNOL® 104 E	Evonik	0.10
Defoamer	BYK®-022	BYK-Chemie	0.20
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZCP-PLUS	Sudarshan	7.20
Corrosion inhibitor	HEUCORIN® RZ	Sudarshan	0.80
Calcium carbonate	Hydrocarb® XP	Omya	5.00
Magnesium silicate	Microtalc™ IT Extra	Elementis	3.60
Titanium dioxide	KRONOS® 2190	KRONOS	7.95
Iron oxide black pigment	BAYFERROX® 318	LANXESS	0.50
Grind with a bead mill.			
	Demi. water		3.10
Styrene acrylic dispersion	REVACRYL® AE 3020	Synthomer	25.00
Solvent	Butyl glycol		4.00
Neutralizing agent	Ammonia, 25%		0.20
Water soluble alkyd	WorléeSol 61 P, 60%WA/BG/BuOH 2:1:1	Worlée-Chemie	14.00
Delivery form with ammonia fully neutralized.			
Drier	Nuodex® WEB Combi AQ	Venator	0.30
Add while stirring.			
			100.00
Adjust pH 8.5 with ammonia, 25%.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			27.2
PVC in %			24.3
CPVC in %			48.6
PVC / CPVC			0.5

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