

in 1K Polyurethane

Water based coatings

Sudarshan formulation No. 199-02

Rev. Number: 01.01

08/96

Function	Product	Producer	PBW
Polyurethane resin	Halwedrol® OX 48/40 W	DSM Coating Resins	30.30
Dispersing agent	Coadis™ BR 3	Coatex	0.50
Defoamer	BYK®-020	BYK-Chemie	0.30
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZMP	Sudarshan	8.00
Talc/chlorite filler	LUZENAC 10M2	Imerys	7.30
Calcium carbonate	Millicarb®	Omya	6.10
Titanium dioxide	SACHTLEBEN R-KB-6	Venator	7.90
Iron oxide black pigment	BAYFERROX® 318 M	LANXESS	0.50
Rheology modifier	Rheovis® PU 1280	BASF	0.10
Grind 20 minutes at 4000 rpm with a bead mill.			
Polyurethane resin	Halwedrol® OX 48/40 W	DSM Coating Resins	33.30
Surfactant	BYK®-346	BYK-Chemie	0.50
Solvent	Butyl glycol		2.00
Antiskinning agent	Borchi® Nox M2	Borchers	0.40
	Demi. water		2.20
Drier	Nuodex® WEB Combi AQ	Venator	0.60
Add while stirring.			

100.00

Adjust pH 8.0 - 9.0 with ammonia, 25%.

Specifications

Vol.-% Anticorrosive pigment reg. pigment/filler	25.0
PVC in %	27.0
Solids in %	56.2

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