

in 1K Polyurethane

Water based coatings

DSM Coating Resins formulation No. AWT/48Korro06

Rev. Number: 01.01

02/06

Function	Product	Producer	PBW
Polyurethane resin	Halwedrol® OX 48/40 W	DSM Coating Resins	50.50
Dispersing agent	SILCO SPERSE HLD-5	keim additec surface	1.00
Defoamer	BYK®-024	BYK-Chemie	0.40
Premix.			
	Demi. water		0.65
Photoinitiator	Omnirad 2022	iGM RESINS	0.15
Mix until uniform solution prior to addition.			
Anticorrosive pigment	HEUCOPHOS® ZMP	Heubach	9.00
Corrosion inhibitor	HEUCORIN® RZ	Heubach	1.00
Talc/chlorite filler	LUZENAC 10M2	Imerys	7.50
Mica/quartz/chlorite filler	Plastorit® 0000	Imerys	5.00
Barium sulfate	BLANC FIXE micro®	Venator	5.00
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	6.00
Rheology modifier	AEROSIL® R 972	Evonik	0.50
Grind to a fineness of < 10 microns, temperature < 45 °C.			
Drier	Nuodex® WEB Combi AQ	Venator	0.65
Solvent	Butyl glycol		0.65
Premix and add while stirring.			
Hydrophobing agent	TEGOSIVIN® WF	Evonik	2.00
Wetting agent	SILCO WET A-800	keim additec surface	0.50
Rheology modifier	Viscalex® HV30	BASF	0.25
Rheology modifier	Rheovis® PU 1270	BASF	0.05
	Demi. water		9.20
Add while stirring.			

 100.00

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