

in 1K Polyurethane

Water based coatings

Sudarshan formulation No. 1049-13

Rev. Number: 01.01

05/24

Function	Product	Producer	PBW
Polyurethane dispersion	DAOTAN® TW 1250/39WAMPP	Allnex	64.90
Neutralizing agent	Ammonia, 25%		0.30
Neutralizing agent	AMP-90™	ANGUS Chemie	0.20
	Demi. water		7.50
Substrate wetting agent	SURFYNOL® SE-F	Evonik	0.30
Defoamer	ADDITOL® XW 372 N	Allnex	0.40
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZMP	Sudarshan	6.95
Magnesium silicate	FINNTALC M05N	Elementis	6.60
Calcium carbonate	DURCAL 2	Omya	3.10
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	7.55
Drier	ADDITOL® dry CF100	Allnex	0.20
Grind with a bead mill.			
Rheology modifier	Borchi® Gel L 75 N, 1:5 in demi. water	Borchers	2.00
Add while stirring.			

100.00
Specifications

Vol.-% Anticorrosive pigment reg. pigment/filler	28.3
PVC in %	24.2
PVC / CPVC	0.5
Solids in %	50.6

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