

## in 1K Polyurethane

Water based coatings

Sudarshan formulation No. 782-16

Rev. Number: 01.01

01/16

Function	Product	Producer	PBW
Polyurethane dispersion	DAOTAN® VTW 1250/40WA	Allnex	65.25
Neutralizing agent	Ammonia, 10%		0.70
Substrate wetting agent	SURFYNOL® SE-F	Evonik	0.30
Defoamer	ADDITOL® VXW 4973	Allnex	0.45
	Demi. water		6.85
<b>Premix.</b>			
Anticorrosive pigment	HEUCOPHOS® ZMP	Sudarshan	6.70
Magnesium silicate	FINNTALC M05N	Elementis	6.50
Calcium carbonate	DURCAL 2	Omya	4.35
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	5.40
Rheology modifier	Borchi® Gel L 75 N, 10% in demi. water	Borchers	1.75
<b>Grind with a bead mill.</b>			
Rheology modifier	Borchi® Gel L 75 N, 10% in demi. water	Borchers	1.75
<b>Add while stirring.</b>			
			100.00
<b>Adjust pH 8.0 - 8.5 with ammonia, 10%.</b>			
<b>Specifications</b>			
Vol.-% Anticorrosive pigment reg. pigment/filler			25.0
PVC in %			22.7
PVC / CPVC			0.5

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