

## in 1K Polyurethane

Water based coatings

Sudarshan formulation No. 153-05

Rev. Number: 01.01

12/93

Function	Product	Producer	PBW
Polyurethane dispersion	DAOTAN® VTW 1250/40WA	Allnex	63.00
Neutralizing agent	Ammonia, 10%		0.90
Substrate wetting agent	SURFYNOL® SE-F	Evonik	0.30
Defoamer	ADDITOL® VXW 4973	Allnex	0.50
	Demi. water		3.30
<b>Premix.</b>			
Anticorrosive pigment	HEUCOPHOS® ZMP	Sudarshan	6.10
Magnesium silicate	FINNTALC M05N	Elementis	7.30
Calcium carbonate	Millicarb®	Omya	4.80
Iron oxide red pigment	BAYFERROX® 130 M	LANXESS	5.60
Rheology modifier	Borchi® Gel L 75 N, 10% in demi. water	Borchers	2.50
<b>Grind with a bead mill.</b>			
	Demi. water		3.20
Rheology modifier	Borchi® Gel L 75 N, 10% in demi. water	Borchers	2.50
<b>Add while stirring.</b>			
			<b>100.00</b>
<b>Adjust pH 8.0 - 8.5 with ammonia, 10%.</b>			
<b>Specifications</b>			
Vol.-% Anticorrosive pigment reg. pigment/filler			25.0
PVC in %			24.1
Solids in %			48.4

Gf-WB03\_001-01\_01B

Disclaimer - The information given in this data sheet is based on the present state of our knowledge & is intended as a general description of our products & their possible applications. Neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Because of the multitude of formulations, production & application conditions, all the above mentioned data have to be adjusted to the circumstances of the processor. As customer use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in any particular application. In addition to that, the legal rights of third parties must always be considered. No liabilities, including those for patent rights, can be derived from this fact for individual cases. It cannot be ruled out that this product contains particles < 0.1 µm. Any user of this product is responsible for determining the suitability of Sudarshan's products for its particular application & to ensure that any proprietary rights & existing laws & legislation are observed.