

in 2K Polyurethane

Water based coatings

Sudarshan formulation No. 1025-03

Rev. Number: 01.01

04/23

Function	Product	Producer	PBW
Component A			
Polyacrylic dispersion	Bayhydrol® A 145	Covestro	41.70
	Demi. water		1.00
Substrate wetting agent	SURFYNOL® AD01	Evonik	0.80
Wetting and dispersing agent	Borchi® Gen SN 95	Borchers	1.65
Defoamer	BYK®-011	BYK-Chemie	1.50
Flash rust inhibitor	HEUCOFLASH™ LQ2	Sudarshan	0.75
Premix.			
Anticorrosive pigment	HEUCOPHOS® ZPA	Sudarshan	10.00
Calcium carbonate	Omyacarb® 1T	Omya	17.80
Calcium carbonate	Calcigloss® GU	Omya	3.80
Magnesium silicate	FINNTALC M15	Elementis	3.70
Titanium dioxide	KRONOS® 2190	KRONOS	4.80
Grind to a fineness of app. 20 microns.			
Levelling agent	BYK®-381	BYK-Chemie	0.50
Add while stirring.			
			88.00
Component B			
Curing agent	Desmodur® N 3900	Covestro	9.60
Solvent	Butoxyl		2.40
Premix and add while stirring.			
			12.00
Mix components A and B thoroughly prior to use.			
			100.00
Add water to obtain processing viscosity.			
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			25.0
PVC in %			37.0
PVC / CPVC			0.6
Solids in %			68.5
Crosslinking in %			150.0

Gf-WB04_008-01_01A

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.