



Formulation

Standard 2K Waterborne Polyurethane using HALOX 430

COMPONENT A:

<u>GRIND</u>		<u>% Wt./Wt.</u>	
Bayhydrol VP LS 2235/1	[1]	29.07	Resin
Surfynol 104E	[2]	0.18	Surfactant
Orotan 681	[3]	0.44	Dispersant
Bevaloid 770	[4]	0.18	Leveling Agent
Green - GN-M	[1]	4.09	Pigment
HALOX 430		6.22	A.C. Pigment
Micro-Talkum A.T.1	[5]	14.49	Filler
Quarznobl F-500	[6]	17.16	Filler
Water (ionized)		7.73	

High speed disperse for 20 minutes to 6+ NS Hegman grind, then slowly add the following.

HALOX FLASH-X 330 0.44 Flash Rust Inhibitor

Mix well for 10 minutes, but do not aerate.

COMPONENT B:

(Stir in before application)

Desmodur N 3600 [1] 20.00 Curing Agent

TOTAL 100.00

FORMULA CONSTANTS

% Pigment/Wt.	41.96
% Pigment/Vol.	21.46
% Solids/Wt.	75.51
% Solids/Vol.	63.64
% PVC	34.06
VOC g/L	68.56

FORMULA PROPERTIES

Density	1466.92 g/L
Brookfield Visc.	7,000-9,000 cp
Part A Stormer Visc. @ 25°C	95-105 KU
Part A + B Stormer Visc. @ 25°C	85-95 KU
pH @ 25°C	8.25-8.75
Pot Life	3-4 hrs.
Recommended D.F.T.	40 µm minimum
Cure Ratio by Wt. (A:B)	80:20

SUPPLIER KEY

- [1] Bayer AG
- [2] Air Products & Chemicals, Inc.
- [3] Rohm and Haas Deutschland GmbH
- [4] C.H. Erbsloh JG
- [5] Norwegian Talc, Ltd.
- [6] Quarzwerke GmbH

The information contained herein is correct to the best of our knowledge, but is intended only as a source of information. The recommendations or suggestions herein are made without guarantee of representation as to results, and we suggest that you evaluate the recommendations contained in this formulation in your own laboratory prior to use.