

**Technical Information**



DTM Primer White Freeze/Thaw Stable  
Based on NeoCryl A-6085  
Formulation WB-2038 9/97

Material	Description/Supplier	Pounds	Gallons
Arcosolve DPM	Cosolvent/Arco Chemical	55.37	7.00
Propylene Glycol	Freeze thaw aid/Arco Chemical	60.48	7.00
Water		33.33	4.00
Tamol 681	Dispersant/Rohm and Haas	16.00	1.78
Triton CF-10	Surfactant/Union Carbide	2.00	.23
AMP-95	Neutralizing aid/Angus Chemical	2.00	.25
BYK-024	Defoamer/BYK-Chemie	1.50	.18
Proxel GXL	Preservative/Zeneca Biocides	.75	.08
T.Pure R-700	Pigment/Dupont	50.00	2.22
HALOX® CW-491	Anti-corrosive pigment/HALOX®	50.00	2.22
Camel White	Extender Pigment/ECC International	50.00	2.22
<i>H.S. Cowles to 6H</i>			
NeoCryl A-6085	Acrylic Emulsion	514.95	59.19
BYK 024	Defoamer/BYK-Chemie	1.00	.12
FLASH-X® 150	Flash Rust Inhibitor/HALOX®	4.00	.43
Zonyl FSP	Fluorosurfactant/Dupont Specialty Chemical	1.00	.12
Texanol	Coalescing agent/Eastman Chemical	31.60	4.00
½ Rheolate 350/Water	Rheology modifier/Rheox, Inc.	12.00	1.43
7% Laponite RDS Solution	Rheology modifier/Southern Clay Products	32.58	3.82
½ Rheolate 216 Solution	Rheology modifier/Rheox, Inc.	12.00	1.45
<b>Totals</b>		<b>1030.56</b>	<b>100.00</b>

Formulation Constants	
Total solids, by weight, %	46.00
Total solids, by volume %	33.12
pH	8.5
Viscosity, Stormer, K.V.	110
Viscosity, ICI, poise	.92
Density, pd/gal	10.31
VOC, (minus water), g/l	361
PVC, %	28.3

Key Benefits:

- Freeze Thaw Resistance
- Adhesion to Metal substrates
- Adhesion to Alkyds
- Corrosion Resistance
- Blister Resistance