

DELAPHOS

EXCELLENCE IN ZINC PHOSPHATE

GUIDING FORMULATION Air Drying Alkyd Primer Yellow Oxide

	<u>Weight</u>	
[1] Crodakyd 503X60	38.98	Phenolic Modified Short Oil Alkyd Resin
[2] Xylene	25.00	
[3] Bayferrox 3920	11.80	Yellow Iron Oxide Pigment
[4] Talc AT Extra	11.80	Extender
[5] Delaphos 2M	5.90	Zinc Phosphate Anticorrosive Pigment
[6] Soya Lecethin	0.30	Pigment Wetting / Dispersing Agent
[7] Perchem Easigel	0.50	Organoclay Thickening Agent
[8] Cobalt Driers 12%	0.06	Cobalt Carboxylate Drier
[9] Lead Driers 24%	0.30	Lead Carboxylate Drier
[10] Calcium Driers 10%	0.47	Calcium Carboxylate Drier
[11] Methyl Ethyl Ketoxime	0.38	Anti-skinning Agent
[12] Xylene	4.51	
Total	<hr/> 100.00	

Pre-mix items 3 to 7 with approximately 40% of items 1 & 2, then disperse to 30 microns F.O.G.
Add approximately 20% of item 1 and mix for 20 minutes to stabilise the dispersion.
Add the remainder of the items 8 to 11, in the order shown, allowing full mixing of each item before making the next addition.
Finally adjust the paint viscosity, as required, using item 12.

Items 8 & 9 may be replaced by Zirconium carboxylate drier where the use of lead is unacceptable.

SUPPLIERS

- [1] Croda Resins Ltd
- [3] Degussa AG
- [4] Bayer AG
- [5] JPE Delaphos
- [6] Capricorn Chemicals Ltd
- [7] Laporte Absorbents Ltd