

# DELAPHOS

EXCELLENCE IN ZINC PHOSPHATE

---

## GUIDING FORMULATION      Air Drying Alkyd Primer Grey

---

	<u>Weight</u>	
[1] Crodakyd 503X60	38.98	Phenolic Modified Short Oil Alkyd Resin
[2] Xylene	25.00	
[3] Printex 140 V	0.59	Carbon Black Pigment
[4] Tioxide R-TC4	13.43	Titanium Dioxide Pigment
[5] Talc AT Extra	9.59	Extender
[6] <b>Delaphos 2M</b>	<b>5.90</b>	<b>Zinc Phosphate Anticorrosive Pigment</b>
[7] Soya Lecethin	0.30	Pigment Wetting / Dispersing Agent
[8] Perchem Easigel	0.50	Organoclay Thickening Agent
[9] Cobalt Driers 12%	0.06	Cobalt Carboxylate Drier
[10] Lead Driers 24%	0.30	Lead Carboxylate Drier
[11] Calcium Driers 10%	0.47	Calcium Carboxylate Drier
[12] Methyl Ethyl Ketoxime	0.38	Anti-skinning Agent
[13] Xylene	4.50	
Total	<hr/> 100.00	

---

Pre-mix items 3 to 8 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 9 to 12, in the order shown, allowing full mixing of each item before making the next addition.  
Finally adjust the paint viscosity, as required, using item 13.

Items 9 & 10 may be replaced by Zirconium carboxylate drier where the use of lead is unacceptable.

---

### SUPPLIERS

---

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