

## Medium oil Mixed Fatty Acid Alkyd Resin

### Description

ALK 3055 50 is Medium oil oxidising modified polyester resin for air drying applications.

### Suggested uses

Low Cost industrial & architectural Paints  
 Quick air drying metal primer & finishes  
 Anti corrosion primers for metals  
 Non Yellowing White enamels  
 Low Cost air drying and stoving enamels  
 Primers for auto finishes

### Solubility / Thinnability

Aliphatic Hydrocarbons  
 Aromatic Hydrocarbons  
 Chlorinated Hydrocarbons  
 Esters  
 Ketones  
 Glycol ethers and esters  
 Insoluble in Alcohols

### Performance

Good Drying  
 Excellent Gloss  
 Economy in use

### Stability

Under the above-mentioned storage conditions the Stability of the resin will be 24 months ex-work

<b>ALK 3055 50</b> <b>Typical Physical</b> <b>and Chemical Properties</b>
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Solvent	Mineral turpentine oil/ White Spirit
Oil Length in %	50
Acid Value (mg Koh/gm)Max.	15
Reducer	40 % in MTO/WS
Colour in Gardner Scale Maximum.	8
Viscosity 30 C Ford cup FCB4 Sec	230 - 250
Solid Contents in % , 120 C/1 Hr.	49 - 51

### Drying time

0.5% lead ,0.05% cobalt and 0.1 % Calcium metal on solid resin basis @ 30 C In lead free systems use 0.2% - 0.6% of Zirconium can be used as an alternative to Lead.

Surface dry	2 - 3 hrs
Tack free	4 - 5 hrs
Hard dry	Overnight

Drying time is related to relative humidity and aromatic contents of MTO / White Spirit

### Storage

It should be stored indoors in the original, unopened and undamaged containers in a dry Place at storage temperatures between 5°C&30°C. Exposure to sun shine should be avoided

### Packing Codes

PAC 1000	Bulk tankers Mild steel
PAC 0011	Iso Tank
PAC 1010	Steel Closed head drums 190 Kgs net
PAC 5010	Second hand Steel Closed head drums 190 Kgs

\* Special packing also available on request