



## TECHNICAL DATA SHEET DCL 109 -WS 50

(Dorsa Chemie Long Oil Alkyd Resin)

### **DESCRIPTION:**

Long –Oil, air drying Alkyd Resin based on Soya Fatty Acid.

### **PROPERTIES:**

Very good initial through film drying. Excellent colour and gloss retention, non yellowing , high weather and water resistance ,good brush ability and flow and good film flexibility.

### **SUGGESTED USES:**

- + Decorative enamel for interior and exterior use
- + spray paints
- + High quality wood and metal primers

### **FORM OF SUPPLY:**

% 50 solution in White Spirit

### **SPECIFICATION:**

<b>Solid content</b>	<b>50 ± 1 %</b>	<b>ASTM D-1259</b>
<b>Type of Oil</b>	Soya Fatty Acid	
<b>Oil content</b>	% 58	
<b>Phthalic content</b>	% 25	
<b>Type of polyol</b>	mixed of Polyols	
<b>Acid value</b>	max 10 (mg KOH /g)	ASTM D-1639
<b>Viscosity (25° C)</b>	Z4 –Z6	Gardner
<b>Color (Gardner)</b>	max 4	ASTM D-1544
<b>Surface drying time</b>	max 180 minutes	

### **DILUTABILITY:**

<b>Aliphatic</b>	<b>White Spirit</b>	<b>dilutable</b>
Aromatic	Xylene	<b>dilutable</b>
	Toluene	<b>dilutable</b>
Esters	Butyl Acetate	<b>dilutable</b>
Ketons	Acetone	<b>dilutable</b>
	MEK	<b>dilutable</b>
Alcohols	Buthanol	<b>partly dilutable</b>



## **DRYER FORMULATION :**

<b>Pb</b>	<b>1.8 – 2 %</b>
<b>Ca</b>	<b>1.2 – 1.4 %</b>
<b>Co</b>	<b>0.5 – 0.6 %</b>

**STORAGE & TRANSPORTATION :** This product must be stored and transported in its original sealed steel drums in a cold and dry place away from fire, heat sources and sunlight at a temperature between 5-40 ° C. under these conditions , shelf-life will be max 12 months.

**PACKAGING :** 180 Kgs. steel drums.

**Remarks :** Solid content, viscosity and other parameters, are customizable based on customer requirements.

**DORSA CHEMIE CO. (PAINT & RESINS)**  
**[www.dorsachemie.com](http://www.dorsachemie.com)**