



## TECHNICAL DATA SHEET DCS148 – X60

(Dorsa Chemie Short Oil Alkyd Resin)

### DESCRIPTION:

DCS148 – X60 is a Short-Oil, Fast air-drying Alkyd Resin based on Soya bean oil.

### PROPERTIES:

Excellent surface hardness, Excellent none-yellowing ,very fast surface and deep drying, good weather resistance, excellent adhesion to metal and wood, good Elasticity and plasticizing properties. very good pigment wetting and dispersing.

### SUGGESTED USES:

- ▶ Industrial paints and coating .
- ▶ Lacquers, stoving enamels and paints.
- ▶ Wood coatings
- ▶ High quality hammer Paints and top coats .
- ▶ Fast drying paints and amino modified lacquers, varnishes and clear coats.

### FORM OF SUPPLY:

% 60 solution in Xylene

### SPECIFICATION:

<b>Solid content</b>	<b>: 60 ± 1 %</b>	<b>ASTM D-1259</b>
<b>Type of Oil</b>	: Soya bean oil	
<b>Oil content</b>	: % 32	
<b>Type of Polyol</b>	: mixed of Polyols	
<b>Acid value</b>	: max 10 (mg KOH /g)	ASTM D-1639
<b>Viscosity (25° C) Stock</b>	: 200 – 300	ASTM D-1545
<b>Color (Gardner)</b>	: max 3	ASTM D-1544
<b>Surface drying time</b>	: max 15 minutes	

### DILUTABILITY:

<b>Aliphatic</b>	<b>white sprit</b>	<b>limited</b>
Aromatic	Xylene	<b>dilutable</b>
	Toluene	<b>dilutable</b>
Esters	Butyl Acetate	<b>dilutable</b>
	Ethyl Acetate	<b>dilutable</b>
Ketons	Acetone	<b>dilutable</b>
	MEK	<b>dilutable</b>
Alcohols	Buthanol	<b>dilutable</b>
	Ethanol	<b>dilutable</b>



## **COMPATIBILITY:**

Long oil alkyd	Incompatible
Short oil alkyd	Compatible
Medium oil	Compatible
Aliphatic polyisocyanate	Compatible
Amino resin	Incompatible
Hydroxyl acrylic Resin	Incompatible

**STORAGE :** This product must be stored in a cool and dry place below 35 °C and away from direct sun light.

**PACKAGING:** In 200 Kgs. Net steel drums.

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