

TECHNICAL DATA SHEET
SERKYD FA42X60
Sunflower Oil Fatty Acid Based, Short Oil Alkyd Resin
PROPERTIES

- Excellent gloss and flexibility
- Very good weathering resistance
- High yellowing resistance
- Excellent hardness

SUGGESTIONS FOR USE

- Stoving primer and top coat applications
- Cellulosic varnish systems and paints
- Air drying varnishes and paints

SOLUBILITY

Solvent Type	Solubility
Toluene	+
Xylene	+
White Spirit	-
n-Butanol	-
Methyl Ethyl Ketone	+
n-Butyl Acetate	+
Glycol Ethers	+
Note: + Soluble - Insoluble	

COMPATIBILITY

Resin Type	Compatibility
Short Oil Alkyd Resin	+
Medium Oil Alkyd Resin	+
Long Oil Alkyd Resin	-
Aliphatic Hardeners	+
Aromatic Hardeners	-
Isocyanate Hardeners	-
Amino Resins	+
Maleic Resins	-
Cellulosic Resins	+
Phenolic Resins	-
Polyether Polyols	-
Rosin Esters	-
Note: + Compatible - Incompatible	

TECHNIC SPECIFICATIONS

Oil Type	Sunflower oil fatty acid
Oil percentage	~ %42
Solvent	Xylene
Solid Content %	60 ± 1
Acid Value (mg KOH/g)	Max. 12
Color ,Gardner (%50 Solid)	Max. 5
Viscosity (25°C, GHT)	35-45'' Z+/Z1+
Appearance	Clear
Density (gr/cm ³)	1,01

SUGGESTIONS FOR PRODUCT
Calculated Usage Rates

SERKYD FA42X60 / Amino resin : 2/1-4/1

SERKYD FA42X60 / Cellulosic resin : 1/1-2/1

Oven application conditions

15' ; at 150°C

30' ; at 120°C

Leaded Dryer Content

0,03 - 0,07 % Co

0,4 - 0,6 % Pb

0,04 - 0,08 % Ca

Lead Free Dryer Content

0,03 - 0,06 % Co

0,08 - 0,1 % Ca

0,05 - 0,07 % Zr

STORAGE AND SHELF LIFE

The product should be stored indoors in the original unopened and undamaged packages in a dry place at storage temperatures between 5 °C and 30 °C. Exposure to direct sunlight should be avoided. The shelf life of the resin which under the mentioned storage conditions is 12 months.

MATERIAL SAFETY

A material safety data sheet of product is available on requests.

PACKAGING

Resin is supplied in %60 Xylene in steel drum with net content 200 kg.