

SYNOLAC S63

Long Oil Alkyd Resin

Product Information

SYNOLAC S63 is a long oil oxidizing alkyd develops for use in all decorative and marine paints/varnishes. Rapid drying, excellent durability, good colour and gloss retention are particular characteristics of this resin.

Sales Specification

Non-volatile content, % (ISO 3251, 1h, 125°C)	68 – 72
Viscosity at 25°C, Gardner Holdt (DIN 53 015)	Z3 – Z4
Colour , Gardner scale (ASTM D1544)	Max. 6
Acid value, mg KOH/g (ASTM 3682)	5 - 8

Other Properties

Volatile	White Spirit
Density at 25°C, g/cm ³ (ISO 2811)	0.96
Type of oil / fatty acid	Soy bean oil
oil / fatty acid content, %	63

Noted: Acid value quoted relative to solid resin

Recommendations for Use

SYNOLAC S63 is excellent for use in a large variety of interior and exterior paints. It is most suitable for application by brush. **SYNOLAC S63** is recommended for use in making all colors of decorative finishes exterior architecture, marine paints in heavy duty coatings.

A suitable combination of driers for use with **SYNOLAC S63** is 0.05% cobalt, 0.15% zirconium and 0.20% calcium calculated as metals on solid resin. Slight variations in the drier levels may be appropriate for particular paint systems.

To prevent in-can skinning of coatings a volatile anti-skinning agent such as methyl ethyl ketoxime is recommended. A level 0.2-0.5% calculated on solid resin is normally adequate.

Solubility

Aromatic hydrocarbon	Complete
Aliphatic Hydrocarbon	Complete
Alcohol	Partial

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Compatibility

Long Oil Alkyd	Very Good
Linseed Oil	Very Good
Stand Oil	Very Good
Medium Oil Alkyd	Partial

Precautions for Use

Please refer to corresponding Safety Data Sheet.

Storage Recommendations

SYNOLAC S63 should be stored under shelter in the original containers at temperature not exceeding 35°C. Avoid exposure to direct sunlight.

Shelf Life

Under the above mentioned storage conditions the shelf life of the resin will be 12 months.



The world is our inspiration

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