SYNOLAC®

TECHNICAL DATA SHEET

SYNOLAC® T62

Long oil alkyd

PRODUCT APPLICATION DETAILS

SYNOLAC® T62 is a long oil oxidizing alkyd develops for use in all decorative and marine paints/varnishes.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C, %)	58 - 62	ISO 3251
Viscosity (25°C, Gardner)	Z1 – Z2	Gardner-Holdt
Color (Gardner)	Max. 6	ASTM D-1544
Acid value (mg KOH/g)	5 - 8	ISO 2114

OTHER CHARACTERISTICS[1]

	CHARACTERISTICS	METHODS
Solvent	White Spirit	-
Density (25°C, g/mL)	0.93	-
Fatty acid type	Tall Oil Fatty Acids	-
Fatty acid content (%)	62	-

[1] The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

MARKETS

Coatings & Inks

- Architectural Coating
  - Primers
  - Trim
- Industrial Coating
  - General Industry
  - Protective And Marine Coating

PERFORMANCE BENEFITS

- Fast drying
- Good durability
- Good color retention
- Good gloss retention

SYNOLAC® T62

FORMULATION GUIDELINES

RECOMMENDATIONS FOR USE

SYNOLAC® T62 is a very suitable for use in both white and coloured paints exterior as well as interior. SYNOLAC® T62 is also very suitable to be used in marine paints. It can be used for most substrates. Paints based on SYNOLAC® T62 are more often applied by brush or roller.
A suitable combination of dries for use with SYNOLAC® T62 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

COMPATIBILITY

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

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® T62 should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 35°C. Exposure to direct sunlight should be avoided.
In the above mentioned storage conditions the shelf life of the resin will be 12 months.

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