

# SYNOLAC<sup>®</sup> T62

Long Oil Alkyd

ARKEMA COATING RESINS

**Product Application details** SYNOLAC<sup>®</sup> T62 is a long oil oxidizing alkyd develops for use in all decorative and marine paints/varnishes.

## Performance Benefits

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

## Polymer Type

- Solventborne alkyd

## Sales Specifications

Solid Content at 125°C, % (ISO 3251)	58 - 62
Viscosity at 25°C, Gardner Holdt	Z1 – Z2
Colour, Gardner scale (ASTM D1544)	6 max
Acid value, mg KOH/g (ISO 2114)	5 - 8

## Other Characteristics<sup>1</sup>

Volatile	White Spirit
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	0.93
Type of oil / fatty acid	Tall Oil Fatty Acid
oil / fatty acid content, %	62

Note: Acid value quoted relative to solid resin

<sup>1</sup> The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

## RECOMMENDATIONS FOR USE

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

A suitable combination of driers for use with SYNOLAC<sup>®</sup> 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.

## Formulation Guidelines

### 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

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**Product Safety**

Please refer to the corresponding Safety Data Sheet.

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**Storage & 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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