

SYNOLAC® 7500

Very Long Oil Alkyd

ARKEMA COATING RESINS

Product Application details

SYNOLAC® 7500 is a long oil length, high solid, oxidising alkyd. SYNOLAC® 7500 exhibits good penetration into wooden substrates and very smooth wiping feel. It has very good gloss and flexibility.

Performance Benefits

- Good flexibility
- Excellent and easy wiping
- Excellent penetration into wood
- Excellent pigment wetting
- High pigment loading

Polymer Type

- Solventborne alkyd

Sales Specifications

Solid Content at 125°C, % (ISO 3251)	98 Min
Viscosity at 25°C, Gardner Holdt	X – Z
Colour, Gardner scale (ASTM D1544)	8 max
Acid value, mg KOH/g (ISO 2114)	3 - 10

Other Characteristics¹

Volatile	-
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	0.99
Type of oil / fatty acid	Linseed Oil
oil / fatty acid content, %	75

Note: Acid value quoted relative to solid resin

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

RECOMMENDATIONS FOR USE

As a sole binder, or in combination with suitable thixotropic alkyd resins, SYNOLAC® 7500 produces paints and stains with high solids content. It is most suitable for high solid wood primers.

For decorative paints, a mixture of Cobalt and Zirconium driers to give 0.05% Cobalt and 0.15% Zirconium expressed as metals on solid resin are recommended. Where drier absorption on pigment surfaces is a potential problem or in industrially polluted atmospheres, Calcium drier up to a maximum of 0.2% metal on solid resin can be used in addition. It is normal practice to add anti-skinning agent, and methyl ethyl ketoxime at 0.1% of the total paint is recommended.

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
Thixotropic Alkyd Resins	Good

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® 7500 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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See SDS for Health & Safety Considerations.

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For any use of Arkema's product in Medical Device applications, please contact Arkema's sales network.

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