

# SYNOLAC® 2833 X 60

GENERAL INDUSTRY

ARKEMA COATING RESINS

## Product Application details

SYNOLAC® 2833 X 60 is a short oil length alkyd resin based on linseed/tung oil modified with phenolic and rosin.

SYNOLAC® 2833 X 60 is recommended for very fast air drying industrial finishes and anticorrosive primers, primers and undercoats recoatable with nitrocellulose lacquers and hammer finishes.

## Performance Benefits

- Very fast initial and hard air drying
- Good recoatability
- Good adherence on metals
- Good gloss
- Excellent resistance to corrosion

## Polymer Type

- Solventborne Alkyd

## Sales Specifications

Solid Content at 125°C, % (ISO 3251)	59 - 61
Viscosity at 25°C, mPa.s (Brookfield SC4-25/13R, 13.2s-1) (ISO 3219)	3500 - 5000
Colour, Gardner scale (ISO 4630)	12 max
Acid value, mg KOH/g (ISO 2114)	10 - 20

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

Volatile	Xylene
Flash point, °C (ISO 3679)	25
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.01
Type of fatty acid	Linseed / Tung
Fatty Acid content, %	33
Modification	Phenolic / Rosin

Note: Acid value and/or Hydroxyl 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

## Formulation Guidelines

### DRIERS

A suitable drier for use in air drying systems with SYNOLAC® 2833 X 60 is 0.05% cobalt, 0.15% zirconium and 0.15% manganese calculated as metal on solid resin. Depending on the formulation (clear, pigmented, thixotropic, etc...) and on the application, the loading of each drier may be increased or reduced in order to achieve the appropriate drying/hardness profile. The use of antiskinning agent is essential to prevent in-can skinning of the finished product.

### SOLUBILITY

SYNOLAC® 2833 X 60 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers, partially soluble in terpenic solvents and insoluble in alcohols.

### COMPATIBILITY

SYNOLAC® 2833 X 60 is compatible with urea/formaldehyde, benzoguanamine/formaldehyde and nitrocellulose resins, partially compatible with medium oil alkyd resins and melamine/formaldehyde resins and incompatible with drying oils.

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**Product Safety**

Please refer to the corresponding Safety Data Sheet.

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**Storage & Handling**

SYNOLAC® 2833 X 60 should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 30°C. Exposure to direct sunlight should be avoided.

In the above mentioned storage conditions the shelf life of the resin will be 6 months from the shipping date

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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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