

# SYNOLAC® 7390 X 60

INDUSTRIAL WOOD

ARKEMA COATING RESINS

## Product Application details

SYNOLAC® 7390 X 60 is a short alkyd resin based on saturated fatty acids. SYNOLAC® 7390 X 60 is specially designed for clear and pigmented high gloss polyurethane wood coatings. SYNOLAC® 7390 X 60 shows outstanding compromise between gloss and drying, as well as an excellent yellowing resistance in systems crosslinked with aliphatic polyisocyanates.

## Polymer Type

- Solventborne Alkyd

## Sales Specifications

Solid Content at 125°C, % (ISO 3251)	58 - 62
Viscosity at 25°C, mPa.s (Brookfield SC4-25/13R, 13.2s-1) (ISO 3219)	1000 - 3000
Colour, Gardner scale (ISO 4630)	2 max
Acid value, mg KOH/g (ISO 2114)	12 max

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

Volatile	Xylene
Flash point, °C (ISO 3679)	24
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	0.98
Type of fatty acid	Saturated fatty acids
Fatty Acid content, %	20
Hydroxyl Content, %	4.4

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

### SOLUBILITY

SYNOLAC® 7390 X 60 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers and has a limited solubility in aliphatic hydrocarbons and alcohols.

### COMPATIBILITY

SYNOLAC® 7390 X 60 is compatible with most short oil alkyds, nitro-cellulose, phthalate plasticizers, maleic resins, urea and melamine resins and polyisocyanates and is partially compatible with cellulose acetate butyrate.

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**Product Safety**

Please refer to the corresponding Safety Data Sheet.

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**Storage & Handling**

SYNOLAC® 7390 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.

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

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See SDS for Health & Safety Considerations.

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**Arkema Coating Resins**

420, rue d'Estienne d'Orves

92705 Colombes Cedex - France

arkema.com - [arkemacoatingresins.com](http://arkemacoatingresins.com)

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