

SYNOLAC® 93X-70

ARKEMA COATING RESINS

Product Application details SYNOLAC® 93X-70 is a short oil oxidising alkyd developed for use in a wide range of industrial; vehicle refinishing, fast air-drying and stoving applications.

Performance

- Rapid drying
- Excellent color retention
- Good hardness
- Good adhesion on metal substrates

Polymer Type

- Solvent borne Alkyd

Sales Specifications

% Solid Content (at 150°C, 1gm, 1hr,) (ISO 3251)	68 - 72
Viscosity in seconds at 30°C, (B-4 Ford Cup, 40% in Xylene)	60 - 70
Colour, Gardner scale (ISO 4630)	8 Max
Acid value, mg KOH/g (ISO 2114)	15 Max

Other Characteristics¹

Volatile	Xylene
Oil Length	23
Density / Specific Gravity at 20°C, g/ml (ISO 2811)	1.06
Oil or Fatty Acid Type	Linoleic

Note: Acid value and oil length 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

Formulation Guidelines

COMPATIBILITY:

SYNOLAC® 93X-70 is partially compatible with some short and medium oil alkyd resins, amino resins. It is incompatible with long oil alkyds, chlorinated rubber, nitrocellulose and vinyl resins.

SOLUBILITY:

SYNOLAC® 93X-70 is completely soluble in aromatic hydrocarbons, ketones and esters. It does have very limited solubility in alcohols. It is not soluble in aliphatic hydrocarbons.

DRIERS:

In air drying systems 0.05%CO, 0.5%Pb, 0.1%Ca calculated as metal on solid resins content are recommended.

S.D. - 15 - 20 Min.

T.D. - 60 - 75 Min.

H.D. - O/N

In low bake system recommended temperature is 80 - 90°C and level of Melamine formaldehyde is 5-15% on solid resin.

USES:

SYNOLAC® 93X-70 is use for vehicle refinishes, fast drying Industrial finishes and heavy-duty primers.

SYNOLAC®

Product Safety

Please refer to the corresponding Safety Data Sheet

Storage & Handling

SYNOLAC[®] 93X-70 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 12 months from the date of manufacturing.

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