

SYNOLAC® S43X(M)

SHORT OIL ALKYD

ARKEMA COATING RESINS

Product

Application details

SYNOLAC® S43X(M) is used mainly in white and pale coloured stoving finishes for metal. It is also used as primer as well as undercoat and finishing coat, usually in combination with suitable amino resins.

Performance Benefits

- Good balance of properties
- Good adhesion

Polymer Type

- Solventborne Alkyd

Sales Specifications

Solid Content % (ISO 3251)	58 - 62
Viscosity at 25°C, Gardner Holdt	(Z+) – Z2
Colour, Gardner scale (ASTM D1544)	6 max
Acid value, mg KOH/g (ISO 2114)	15 - 25

Other Characteristics¹

Volatile	Xylene
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.02
Type of fatty acid	Soya bean Oil
Fatty Acid content, %	43
OH Value, mg KOH/g (ISO 4629)	90

Note: Acid value and/or Hydroxyl 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

Formulation Guidelines

RECOMMENDATIONS FOR USE

SYNOLAC® S43X(M) is recommended for stoving drum enamel or general-purpose industrial stoving paints. Its can also be used for air drying industrial paints.

SOLUBILITY

Aromatic hydrocarbon	Complete
Ketone	Complete
Alcohol	Partial
Aliphatic Hydrocarbon	Partial

COMPATIBILITY

Urea Resins	Good
Short Oil Alkyd	Good
Melamine Resins	Good

SYNOLAC®

**Product
Safety**

Please refer to the corresponding Safety Data Sheet.

**Storage &
Handling**

SYNOLAC® S43X(M) 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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The logo for Arkema, featuring the word "ARKEMA" in a bold, sans-serif font. The letters "ARKE" are in blue and "MA" is in green.