

SYNOLAC[®] S53W60

Medium Oil Alkyd

ARKEMA COATING RESINS

Product Application details

SYNOLAC[®] S53W60 is a medium oil, air drying alkyd intended for industrial paints with good colour retention. It can be used equally well both indoor and outdoor. It is most suitable for use in spraying paints, but can also be easily formulated to suit paints for application by brush.

Performance Benefits

- Fast drying
- Good Gloss
- Good durability

Polymer Type

- Solventborne alkyd

Sales Specifications

Solid Content at 125°C, % (ISO 3251)	59 - 61
Viscosity at 25°C, Gardner Holdt	Z6Z7 – Z7
Colour, Gardner scale (ASTM D1544)	5 max
Acid value, mg KOH/g (ISO 2114)	5 - 8

Other Characteristics¹

Volatile	White Spirit
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	0.95
Type of oil / fatty acid	Soy bean oil
oil / fatty acid content, %	53

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

SYNOLAC[®] S53W60 is recommended for both industrial and decorative paints, which require good colour retention. It can also be used for road marking paints, in combination with chlorinated rubber.

In air drying applications the recommended driers are 0.05% Cobalt, 0.15% Zirconium, and up to 0.2% Calcium, all expressed as metals on solid resin.

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	Good
Short Oil Alkyd	Fair

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® S53W60 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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