

TECHNICAL DATA SHEET

SYNOLAC® S53W60

Medium oil alkyd

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.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C, %)	59 - 61	ISO 3251
Viscosity (25°C, Gardner)	Z6Z7 - Z7	Gardner-Holdt
Color (Gardner)	Max. 5	ASTM D-1544
Acid value (mg KOH/g)	5 - 8	ISO 2114

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	White Spirit	-
Density (25°C, g/mL)	0.95	-
Fatty acid type	Soya Bean Oil	-
Fatty acid content (%)	53	-

¹The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

MARKETS

Coatings & Inks

- Architectural Coating
 - Exterior Wall
 - Primers
 - Trim
 - Architectural Wood
- Industrial Coating
 - General Industry
 - Protective And Marine Coating
 - Industrial Wood Finishes

PERFORMANCE BENEFITS

- Fast drying
- Good Gloss
- Good durability

SYNOLAC® S53W60

FORMULATION GUIDELINES

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.

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 AND 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.

Arkema Coating Resins Malaysia
PLO 491, Jalan Keluli, Pasir Gudang
Industrial Estate, 81700 Pasir Gudang,
Johor – Malaysia
T +60 7 253 6688

Headquarters: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80

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