

TECHNICAL DATA SHEET

SYNOLAC® S63BM2

Long oil alkyd

PRODUCT APPLICATION DETAILS

SYNOLAC® S63BM2 is a long oil oxidizing alkyd develops for use in all decorative and marine paints/varnishes. It is most suitable for application by brush. SYNOLAC® S63BM2 is recommended for use in making all colors of decorative finishes exterior architecture, marine paints in heavy duty coatings.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C, %)	68 - 72	ISO 3251
Viscosity (25°C, Gardner)	(Z5-) – (Z5+)	Gardner-Holdt
Color (Gardner)	Max. 6	ASTM D-1544
Acid value (mg KOH/g)	5 - 9	ISO 2114

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	White Spirit	-
Density (25°C, g/mL)	0.96	-
Fatty acid type	Soya Bean Oil	-
Fatty acid content (%)	63	-

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
 - Primers
 - Trim
- Industrial Coating
 - Protective And Marine Coating

PERFORMANCE BENEFITS

- Fast drying
- Good durability
- Good color retention
- Good gloss retention

SYNOLAC® S63BM2

FORMULATION GUIDELINES

RECOMMENDATIONS FOR USE

SYNOLAC® S63BM2 is excellent for use in a large variety of interior and exterior paints. It is most suitable for application by brush. SYNOLAC® S63BM2 is recommended for use in making all colors of decorative finishes exterior architecture, marine paints in heavy duty coatings.

A suitable combination of driers for use with SYNOLAC® S63BM2 is 0.05% cobalt, 0.15% zirconium and 0.20% calcium calculated as metals on solid resin. Slight variations in the drier levels may be appropriate for particular paint systems.

To prevent in-can skinning of coatings a volatile anti-skinning agent such as methyl ethyl ketoxime is recommended. A level 0.2-0.5% calculated on solid resin is normally adequate.

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 — Partial

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® S63BM2 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

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

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