

SYNOLAC® 5053 WD 50

GENERAL INDUSTRY

ARKEMA COATING RESINS

Product Application details

SYNOLAC® 5053 WD 50 is a medium oil alkyd resin for general purpose. Due to good balance between surface drying and hard drying, SYNOLAC® 5053 WD 50 is designed to formulation paints and anti corrosive paints.

Performance Benefits

- Good gloss
- Good application by brush
- Fast drying time and hardness evolution
- Good durability

Polymer Type

- Solventborne Alkyd

Sales Specifications

Solid Content % (ISO 3251)	48.5 - 51.5
Viscosity at 20°C, dPa.s (ISO 3219)	50 - 80
Colour, Gardner scale (50% solution) (ISO 4630)	7 max
Acid value, mg KOH/g (ISO 2114)	12 max

Other Characteristics¹

Volatile	White spirit (-1% aromatic)
Flash point, °C (ISO 3679)	38
Density / Specific Gravity at 20°C, g/ml (ISO 2811)	0.9
Type of fatty acid	Linseed
Fatty Acid content, %	53

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

SOLUBILITY

SYNOLAC® 5053 WD 50 is soluble in aromatic hydrocarbons, esters, ketones, glycol ethers and aliphatic hydrocarbons.

COMPATIBILITY

SYNOLAC® 5053 WD 50 is compatible with long and medium oil alkyds, cyclised rubber resins, chlorinated rubber resins.

SYNOLAC®

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® 5053 WD 50 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.

In the above mentioned storage conditions the shelf life of the resin will be 9 months from the shipping date

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