

# SYNAQUA® 5120 BG 72

GENERAL INDUSTRY

ARKEMA COATING RESINS

**Product**  
**Application details**

SYNAQUA® 5120 BG 72 is an alcali-soluble short oil alkyd resin based on drying vegetables fatty acids, specially suited to combine with HMMM resins.  
SYNAQUA® 5120 BG 72 is a resin recommended in combination with water reducible amino resins for the formulation of industrial primers and enamels for stoving systems.

**Polymer**  
**Type**

- Solventborne Alkyd

**Sales**  
**Specifications**

Solid Content at 125°C, % (ISO 3251)	71 - 74
Viscosity at 25°C, mPa.s (Brookfield SC4-25/13R, 6.6s-1) (ISO 3219)	7000 -10000
Colour, Gardner scale (ISO 4630)	7 max
Acid value, mg KOH/g (ISO 2114)	40 - 50

**Other**  
**Characteristics<sup>1</sup>**

Volatile	Butyl glycol
Flash point, °C (ISO 3679)	60
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.06
Type of fatty acid	Drying vegetables fatty acids
Fatty Acid content, %	34

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**

COMPATIBILITY  
SYNAQUA® 5120 BG 72 is compatible with water reducible amino resins.

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## Product Safety

Please refer to the corresponding Safety Data Sheet.

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## Storage & Handling

SYNAQUA® 5120 BG 72 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 6 months from the shipping date

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The logo for ARKEMA, with the word in a bold, sans-serif font. The 'A' and 'R' are dark blue, and the 'KEMA' part is green.