

TECHNICAL DATA SHEET

SYNAQUA® 5120 BG 72

Waterdilutable alkyd

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.

SALES SPECIFICATIONS

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

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	Butyl glycol	-
Flash point	60 °C	ISO 3679
Density	1.06 g/ml	ISO 2811
Fatty acid type	Drying vegetables fatty acids	-
Fatty acid content	34 %	-

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

MARKETS

Coatings & Inks

- Industrial Coating
 - General Industry
 - Wood Furniture

SYNAQUA® 5120 BG 72

FORMULATION GUIDELINES

COMPATIBILITY

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

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNAQUA® 5120 BG 72 should be stored indoors in the original, unopened and undamaged container, in a dry place at storage temperatures between 5°C and 30°C. Exposure to direct sunlight should be avoided. The product is protected to prevent any microbial deterioration during normal conditions of storage but care should be taken to avoid accidental contamination during subsequent handling and processing. In the above mentioned storage conditions the shelf life of the resin will be from the shipping date.

Shelf Life (Months): 6

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