

## BALKYD 34 FA – 55 XB



**Short oil Alkyd resin, modified with distilled fatty acids**

<b>Supply form:</b>	55% solution in xylene and n-butanol
<b>Use:</b>	For production of combined pigmented systems - primers, lacquers and topcoats, drying at an increased temperature.
<b>Classification:</b>	Meets the requirements of the EU legislation.

### CHARACTERISTICS

INDEXES	NORM
<b>Appearance:</b> (visually)	Homogeneous liquid
<b>Colour Gardner at 50% solution in xylene:</b> (BNS ISO 4630)	max 5
<b>Non-volatile content, (125°C/1 h):</b> (BNS EN ISO 3251)	55±1 %
<b>Flowing time, funnel 6 mm, 23°C, 50% solution in xylene:</b> (BNS EN ISO 2431)	70 – 100 s
<b>Acid number of 100% of a resin:</b> (BNS EN ISO 3682)	max 10 mgKOH/g
<b>Hydroxyl number of 100% of a resin:</b> (BNS EN ISO 4629)	125 - 135 mgKOH/g

### OTHER INFORMATION

<b>Oil content:</b>	34 %
<b>Viscosity Brookfield at 23°C:</b> (ISO 2555)	1100 - 1600 mPa.s

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<b>Density at 20°C:</b> (BNS ISO 2811-1)	1,0 g/cm <sup>3</sup>
<b>Flash point, covered pot:</b> (BNS ISO 2719)	30°C
<b>Solubility:</b>	It is soluble in aromatic hydrocarbons, esters, ketons and limited soluble in aliphatic alcohols.
<b>Application:</b>	<p>The resin has a good wetting ability. It gives the coatings high gloss and good corrosion resistance. It is suitable for application in pigmented systems in light colours.</p> <p>The resin is compatible with medium and short oil alkyd resins and with amino resins.</p> <p>Balkyd 34 FA-55 XB is used in the production of amino-alkyd finishing acid-curing lacquers for wood. It may be applied in combination with reactive Melamine-formaldehyde resins with netting at temperature up to 100°C.</p>
<b>Package:</b>	In metal barrels; plastics containers; cisterns from stainless steel
<b>Storage:</b>	<p>Store in well closed packaging, in sheltered, dry and well-ventilated storage, protected from direct sunlight, at temperatures up to 30°C.</p> <p><b>Storage shelf life for</b> – 12 months from date of production.</p>
<b>Hygiene, safety work and ecology:</b>	Refer to the Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 34 FA – 55 XB. The Material Safety Data Sheet (MSDS) should always be read and understood thoroughly before handling the product, and adequate safety procedures should be followed.

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The present technical description has the purpose to inform the clients on the quality of our product. The data herein is based on our present best knowledge. We invite our clients before work to check the quality of the product or its adaptation to the base and to make an experimental application. Our clients must be sure, that the present technical description hasn't been changed or replaced by a newer edition.

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