

## BALKYD 490 FA – 50 D40X



**Medium oil, oxidative drying alkyd resin, modified with distilled fatty acids**

<b>Supply form:</b>	50 % - solution in white spirit aromatic free D40/ xylene; 41:9
<b>Use:</b>	For production of high-quality oxidative drying topcoats and other special industrial coatings for metal.
<b>Classification:</b>	Meets the requirements of EU legislation.

### CHARACTERISTICS

INDEXES	NORM
<b>Appearance:</b> (visually)	Homogeneous clear liquid
<b>Colour Gardner, form of delivery:</b> (BNS ISO 4630)	max 5
<b>Non-volatile content, 125°C/1h:</b> (BNS EN ISO 3251)	50±1%
<b>Viscosity Brookfield at 23°C:</b> (ISO 2555)	4 500 – 6 500 mPa.s
<b>Acid number of 100% of a resin:</b> (BNS EN ISO 3682)	max 10 mgKOH/g

### OTHER INFORMATION

<b>Oil content:</b>	49 %
<b>Phthalic anhydride, solvent-free:</b>	approx. 27 %

<b>Conditional viscosity DIN 4, 20°C of 40% solution in white spirit aromatic free D40: (DIN 53211-4)</b>	75-115 s
<b>Density at 20°C: (BNS ISO 2811-1)</b>	0,90 g/cm <sup>3</sup>
<b>Flash point, covered pot: (BNS EN ISO 1523)</b>	approx. 30°C
<b>Solubility:</b>	It dissolves in white spirit, xylene, butanol and other aliphatic and aromatic hydrocarbons, esters, glycol-ethers and superior ketones
<b>Application:</b>	<p>The industrial coatings, based on Balkyd 490 FA – 50 D40X, have very good drying ability, atmospheric resistance, elasticity, excellent gloss and high hardness.</p> <p>The recommended siccation is 0,05-0,07% Co; 0,10-0,30% Ca; 0,15 -0,30 % Zr in relation to 100% resin.</p> <p>Balkyd 490 FA – 50 D40X may be mixed with other medium oil and long oil Alkyd resins, modified with oils or on the basis of distilled fatty acids.</p>
<b>Package:</b>	In metal barrels; plastics containers; cisterns from stainless steel
<b>Storage:</b>	Store in well closed packages, in sheltered, dry and well-ventilated warehouses, protected from direct sunlight, at a temperature up to 30°C. Shelf life - 6 months from the production date.
<b>Hygiene, safety work and ecology:</b>	Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 490 FA – 50 D40X. 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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