

TECHNICAL DESCRIPTION
AUGUST 2014
Cancels and replaces all previous editions

BALKYD 645 FA – 55 WS



Long oil, oxidative drying alkyd resin, modified with distilled fatty acids

Supply form:	55% solution in white spirit
Use:	For production of oxidative drying pigmented primers, lacquers and topcoats for interior and exterior finishing coatings.
Classification:	Meets the requirements of the EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Homogeneous viscouse liquid
Colour Gardner scale of 50% solution in white spirit: (BNS ISO 4630)	max 5
Non-volatile substances content, (0,8g/120°C/25min): (BNS EN ISO 3251)	55±1 %
Flowing time in a funnel 6 mm at 23°C of 50% solution in white spirit : (BNS EN ISO 2431)	65 – 100 s
Acid number of 100% of a resin: (BNS EN ISO 3682)	max 10 mgKOH/g

OTHER INFORMATION

Oil content:	65 %
Viscosity Brookfield at 23°C: (ISO 2555)	1100-1400 mPa.s

Density at 20°C: (BNS ISO 2811-1)	0,92 g/cm ³
Flash point, covered pot: (BNS ISO 2719)	35°C
Solubility:	It dissolves in white spirit, xylene, toluene, butyl acetate, ethylglycolacetate, it limitedly dissolves in butanol.
Application:	Balkyd 645 FA–55 WS gives the coatings high gloss and good drying ability, resistance to light and atmospheric impacts. The resin is suitable for pigmented systems in light tones, used for interior and exterior finishing coatings. The recommended siccation is: 0,05-0,07% Co; 0,10-0,30% Ca; 0,15-0,30 % Zr, in relation to 100% resin.
Package:	In metal barrels; plastics containers; cisterns from stainless steel
Storage:	Store in tightly closed packages, in sheltered, fireproof, dry and well-ventilated warehouses, protected from direct sunlight, at a temperature up to 30°C. Shelf life -12 months from the production date.
Hygiene, safety work and ecology:	Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 645 FA – 55 WS. The Material Safety Data Sheet (MSDS) should always be read and understood thoroughly before handling the product, and adequate safety procedures should be followed.

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.

Orgachim Resins®

Ruse 7000, 21 Treti mart Blvd., tel.: +359 82 886 340; fax: +359 82 886 340
www.orgachimresins.bg