

BALKYD 380 S – 55 X

Short oil oxidative drying alkyd resin, modified with vegetable oils – soyabean or sunflower oil

Supply form:	55% solution in xylene.
Use:	It is used for production of quickly oxidative drying primers, topcoats and oxidative drying special industrial coatings for metal surfaces.
Classification:	Meets the requirements of the EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Homogeneous clear liquid
Colour Gardner of 50% solution in xylene: (BNS ISO 4630)	max 6
Non-volatile content (125°C/1h): (BNS EN ISO 3251)	55±1,5 %
Viscosity Brookfield at 23°C: (ISO 2555)	1000 – 2000 mPa.s
Acid number of 100% of a resin: (BNS EN ISO 3682)	max 12 mgKOH/g

OTHER INFORMATION

Oil content:	38 %
Density at 20°C: (BNS ISO 2811-1)	1,0 g/cm ³

**Conditional viscosity, DIN-4/20°C
of a 50% in xylene
(DIN 53211-4)** 110 - 150 s

**Flash point, closed cup:
(BNS ISO 2719)** 29°C

Solubility: It dissolves in xylene, toluene, n-butyl acetate.

Application: Balkyd 380 S–55 X is used for production of quickly drying primers, topcoats and special anticorrosive coatings for metal surfaces. The formulated industrial coatings have high gloss, resistance to atmospheric impacts and chemicals.
The resin is compatible with other short and medium oil Alkyd resins.
Recommended siccatives are: 0,05-0,07% Co; 0,1-0,3% Ca; 0,15-0,3% 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 25°C.

Shelf life - 12 months since the date of production.

Hygiene, safety work and ecology: Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 380 S – 55 X. 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.

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