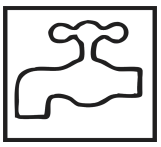
TECHNICAL DESCRIPTION
AUGUST 2014
Cancels and replaces all previous editions

ORGHYDROL 37-75 BG



Short oil water soluble resin, modified with distilled fatty acids

Supply form:	75% solution in butyl glycol
Use:	Used in the production of air-drying industrial coatings, used for decorative and anticorrosion protection.
Classification:	Meets the requirements of the EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Homogeneous, viscous liquid
Gardner colour: (BNS EN ISO 4630)	max 5
Non-volatile content, 125°C/1h (BNS EN ISO 3251)	74-76 %
Viscosity Brookfield at 25°C: (ISO 2555)	12 000-17 000 mPa.s
Acid number of 100% resin: (BNS EN ISO 3682)	40-50 mgKOH/g

OTHER INFORMATION

Oil content:	37%

Density at 20°C: (BNS ISO 2811-1)	1.05 g/cm^3
Flash point, closed cup: (BNS ISO 2719)	69°C

Thinner: May be thinned up to 10% with demineralised water.

Solubility: Dissolves in glycol ethers, glycol esters and C4-alcohols.

Application: Used in the production of air-drying anticorrosion industrial primers and enamels dried by baking and at environmental temperatures. The coatings based on Orghydrol 37 – 75 BG have very good drying, weather and water resistance.
Recommended siccatives: Co-octoate and Zr-octoate.
The resin must be neutralised before the addition of demineralised water!

Package: In plastic containers; cisterns made of stainless steel.

Storage: Store in tightly closed packages, in sheltered, 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 Safety Data Sheet for further information on the safe storage, use and handling of Orghydrol 37-75 BG. 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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