



# Product Data Sheet Urakyd™ AD740 Q-60

**Long-oil alkyd resin based on soya-bean oil**

## Applications

- interior and exterior decorative enamels
- primers and undercoats
- wood and steel substrates

## Principal properties

- drying speed
- yellowing resistance

## Dilutability

White spirit	complete
Xylene	complete
Isoparaffinic solvent	complete
n-Butanol	insoluble

## Compatibility

Long-oil alkyds	complete
Medium-oil alkyds	limited
Modified alkyds	limited
Linseed stand oil 30 dPa.s	limited
Rosin maleic resins	limited

## Recommendations on formulation and use

### Pigments:

Urakyd AD740 Q-60 is compatible with all usual pigments and extenders. Reactive pigments such as zinc oxide may be used.

## Material safety

A material safety data sheet of the products is available on request.

## Test methods

Test methods (TM) referred to in the tables are available on request.

## Delivery form:

60% in de-aromatised hydrocarbon D40

## Product specifications

Property	Range	Unit	TM
Viscosity, DinCup4 / 20 °C (100 g resin + 20 g D60)	100-120	sec	2008
Color, Gardner	0 - 5	G	2017
Solids content	59 - 61	%	2025
Appearance	clear	-	2265
Acid value, on solid	5 - 10	mg KOH/g	2401

## Other product data

Property	Value	Unit	TM
Oil length	ca. 63	%	-
Type of oil	soya-bean	-	-
Phthalic acid content	ca. 26	%	-
Density, 23 °C	ca. 930	kg/m <sup>3</sup>	2160
Flash point	ca. 40	°C	2800

## Drier system

For proper drying characteristics it is recommended to use (weight % metal on solid resin):

Cobalt drier	0.05 - 0.06%
Calcium drier	0.1 - 0.2%
Zirco drier	0.3 - 0.5%

## Storage guidelines

The resin should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 5 °C and 30 °C. Exposure to direct sunlight should be avoided.

## Shelf life

Under the stipulated storage conditions, the anticipated shelf-life is 365 days from last quality control date, as stated in the Certificate of Analysis.

