



Product Data Sheet Urathix™ AT408 W-75

Long oil alkyd resin based on soya-bean fatty acids, low gel type

Applications

- interior/exterior slightly thixotropic paints

Principal properties

- ease of application
- slightly thixotropic
- yellowing resistance
- enamel hold out

Dilutability

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

Compatibility

Long oil alkyds	complete
Medium oil alkyds	complete
Rosin maleic resins	limited

Recommendations on formulation and use

Urathix AT408 is suitable for high gloss top coats with good build, good through-hardening and yellowing resistance as well as an excellent enamel hold out. The usual pigment and/or fillers may be applied.

Starting formulations

Starting formulations available on request.

Test methods

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

Delivery form:

75% in white spirit

Product specifications

Property	Range	Unit	TM
Viscosity, 23°C acc. ISO 3219	6.10 - 8.20	Pa.s	2013
Color, Gardner	0 - 6	-	2017
Solids content	74 - 76	%	2025
Appearance	clear,sl.hazy	-	2265
Acid value, on solid	6 - 12	mg KOH/g	2401

Other product data

Property	Value	Unit	TM
Oil length	ca. 68	%	-
Type of fatty acid	soya	-	-
Phthalic acid content	ca. 23	%	-
Gel strength	low	-	-
Density, 23°C	ca. 980	kg/m ³	2160
Flash point	ca. 43	°C	2800

Drier system

For optimal 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.

Material safety

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

