

SYNTHALAT PWK 1722

(preliminary technical data sheet)

Characteristics

solvent- and surfactant free urethane modified short-oil alkyd emulsion
residual content of xylene <0,1%; tin free

Composition :

Oil-Type : special mixture of oxidative drying fatty acids,
Oil content : appr. 27%

Lieferform:

41 % ig in waterr

Properties:

Visual appearance	opaque till milky
viscosity in mPas (as supplied) (in-house method AV-F-V005)	10 – 400
non-volatile content (as supplied) (in-house method AV-F-F003)	41 +/- 2%
pH-value (as supplied) (in-house method AV-F-P001)	7,0-9,0
Organic solvents (Aceton)	<0,3%

Usage:

Films based on Synthalat PWK 1722 are tackfree and transparent after final drying showing a good hardness and scratch resistance.

Synthalat PWK 1722 is suitable for industrial coatings and fast drying solventpoor architectural coatings and lasures for professional and decorative uses .

Synthalat PWK 1722 exhibits very fast Pendulum hardness development, good pigment wetting and early water resistance

Due to the content of urethane groups inside the polymer only reduced amounts of siccatives are needed. The recommendation are cobaltfree additives like iron dryer Oxycoat 1101 or Manganese dryer Nuodex Dry Coat. It is also possible to dry these paint formulations only by the usage of secondary dryers.