

FEIDOLUX KD19

1C alkyd topcoat

FEIDOLUX KD19 is a high-quality synthetic resin-based topcoat with fast drying properties. The product has a very good distribution, good weathering resistance and ensures optically appealing surfaces.



Topcoat for objects, which have a high demand regarding optical quality and long-lasting weathering resistance with good gloss and colour shade stability. The material is applied e.g. in the motor vehicle sector or in the crane construction.



TECHNICAL DATA

Fields of application	Machinery, Transportation equipment									
Binder	Alkyd									
Solids	44 ± 2% by volume									
Volatile organic compound (VOC)	Approx. 444 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.									
Theoretical spreading rate	<table border="1"><thead><tr><th>Dry film (µm)</th><th>Wet film (µm)</th><th>Theoretical spreading rate (m²/l)</th></tr></thead><tbody><tr><td>60</td><td>135</td><td>7.3</td></tr><tr><td>70</td><td>160</td><td>6.3</td></tr></tbody></table>	Dry film (µm)	Wet film (µm)	Theoretical spreading rate (m ² /l)	60	135	7.3	70	160	6.3
Dry film (µm)	Wet film (µm)	Theoretical spreading rate (m ² /l)								
60	135	7.3								
70	160	6.3								
Practical spreading rate	The values depend on the application technique, surface conditions, overspray, etc.									
Colours	Available in colours according to RAL. Other colours by agreement.									
Gloss (60°)	Full gloss									
Thinner	FEIDOSOLV VK52 or FEIDOSOLV VK53, also for cleaning the working tools. When using FEIDOSOLV VK53 the product cannot be coated with itself any more.									
Density	Approx. 1.16 g/ml (depending on the colour shade)									
Storage	Storage stability is 1 year in unopened package. Store in a cool place. Most suitable storage temperature is +5°C - +25°C. Protect from heat and freeze!									

DIRECTION FOR USE

Surface preparation

Remove from the surfaces any contaminants that might be detrimental to surface preparation and application. Remove also water-soluble salts by using appropriate methods.

The place and time of the preparation are to be chosen so that the prepared surface will not get dirty or damp before the subsequent treatment. Additional instructive information for surface preparation can be found in standards EN ISO 12944-4 and ISO 8501-2.

Priming

Suitable are, depending on demands, products based on alkyd resin, e.g. FEIDOLUX PRIMER KG08, FEIDOLUX PRIMER KG07 or FEIDOLUX PRIMER KG92.

Application method

Airless spraying, Air-assisted airless spraying, Conventional spraying

Application

Stir thoroughly before use.

Brush can be used for touching up and painting small areas.

	Airless spray	Air-assisted airless spray	Conventional spray
Thinner	0 – 5 % FEIDOSOLV VK52 or FEIDOSOLV VK53	0 – 5 % FEIDOSOLV VK52 or FEIDOSOLV VK53	0 – 5 % FEIDOSOLV VK52 or FEIDOSOLV VK53
Application viscosity	22 – 30 s DIN 4	22 – 30 s DIN 4	22 – 30 s DIN 4
Nozzle	0.009 – 0.011"	0.014 – 0.015"	1.2 – 1.5 mm
Paint pressure	120 – 130 bar	100 – 120 bar	–
Air pressure	–	2.5 – 3.5 bar	3.0 – 5.0 bar

Application conditions

The surface to be treated must be dry. During the application and drying period the temperature of the ambient air, the surface and the product shall be above +5°C and below +35°C and the relative air humidity below 85%. The temperature of the surface to be treated must be at least +3°C above the dew point of the ambient air. During application good ventilation is recommended.

Drying time

+20°C / 65% RH (dry film 60-70 µm)

- dust free

approx. 30 – 45 min

- touch dry

approx. 6 h

Cleaning

FEIDOSOLV VK52 or FEIDOSOLV VK53.

HEALTH AND SAFETY

Safety and precaution measures

See safety data sheet.

Teknos Group Oy Takkatie 3, P.O.Box 107 FI-00371 Helsinki, Finland Tel. +358 9 506 091

The above information is normative and based on laboratory tests and practical experiences. The information is noncommittal, and we cannot accept liability for the results obtained under working conditions beyond our control, and consequently the buyer or the user is not released from the obligation to test the suitability of our products for specific means and application methods under the actual application conditions. Our liability covers only damage caused directly by defects in the products supplied by Teknos. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos' Technical Data Sheets and Safety Data Sheets are available from our homepage www.teknos.com. All trademarks displayed on this document are the exclusive property of Teknos Group or its affiliated companies.