

Technical data sheet

Series 222

K.222

TECNOLAK 2K SEMIGLOSS



1000 gr +
400 gr +
100 gr



17" - 20" FORD 4
at 20 °C



Ø 1.2 – 1.4 mm
4-5 Atm
N° of coats 2



At 20 °C: 18-24 hours
At 60 °C: 30' – 40'

NATURE OF THE PRODUCT:

Two-component semi-gloss polyurethane finish

Properties:

- Excellent outdoor resistance
- Wide versatility of use
- Fast drying
- High surface hardness
- Good elasticity

FIELD OF APPLICATION:

Semi-gloss polyurethane finish for general use in industry such as machine tools, metal carpentry, earth-moving machinery (ACE), metal furniture or wherever optimum aesthetic and functional performance is required.

RECOMMENDED PRIMERS:

Epoxy and Acrylic primers.

PREPARATION OF THE SUBSTRATE:

The product requires application before a primer of the epoxy (our **193** or **190 series**) or acrylic series (our **794** series).

PREPARATION OF THE PRODUCT:

Thoroughly mix component A until the color and consistency are uniform. Then mix with component B in the ratio indicated below.

		<u>By weight</u>	<u>By volume</u> ⁽¹⁾
Comp. A	K.222 + Coloring pastes	100 parts	2 parts
Comp. B	CZ.265 (Standard)	40 parts	1 part
Alternatively:			
Comp. B	CZ.280 (Fast)	40 parts	1 part

Dilute the perfectly blended mixture with 10%-20% of our polyurethane thinner **D.219** or **D.737** to a viscosity of 17"-20 "Ford 4 at 20 °C.

⁽¹⁾ Calculated on component A diluted 5%-10%.

PRODUCT SPECIFICATIONS:

TYPE OF PRODUCT	: 2K Polyurethane Finish
APPEARANCE	: Semi-gloss
COLORS	: By choice
DENSITY	: 1,16 Kg/Lt (± 0,05)
SUPPLY VISCOSITY	: 15" (± 2") DIN 8 at 25 °C
SOLID % - VOLUME (A+B)	: 44% (± 2%)
SOLID % - WEIGHT (A+B)	: 57% (± 2%)
DRYING AT 20°C	: - Dry dust-free : 15' - 20' - Touch-free : 3.5 - 4 hours - Drying in depth : 18 - 24 hours - Forced Drying : 30' at 60°C - 70°C
RECOMMENDED LAYERS	: 1 (cross layer)
OPACITY	: 50 Gloss (± 5)
RECOMMENDED-DFTT	: 40 - 50 µm
THEORETICAL YIELD	: 8,8 m ² /Lt or 7,5 m ² /Kg at 50 µm dry
POT- LIFE AT 20 °C	: 2.5 hours. The pot-life decreases at higher temperatures

APPLICATION INSTRUCTIONS:

View pictograms Page 1.

RECOATING:

Wet-on-wet or after 12 hours minimum.

CHARACTERISTICS OF THE DRIED FILM:

**Tests performed on plate dried 1 hr at 60 °C and 8 days conditioning at A.T
Enamel obtained by direct grinding. Dry film thickness (DFT) 50 µm**

Persoz hardness 200" (+/-20")

Resistance to ethyl alcohol: 100 double coats No alterations.

Resistance to xylol: 100 double coats No alterations.

Resistance to acetone: 50 double coats No alterations.

SAFETY REGULATIONS:

Strictly follow the instructions on the labeling and in the safety data sheet.

STORAGE CONDITIONS:

The storage room must be dry and with a temperature between +10 °C and +35 °C.

The data and information contained in this sheet are the result of our experience and accurate laboratory tests. However, since the painting process represents a set of operations that are beyond our control, they do not therefore guarantee, in any way, the final performance of the cycle.

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