

Technical data sheet

**Series 231**

**K.231**

**TECNOPUR INDUSTRIAL GLOSS**



1000 gr +  
400 gr +  
50 – 200 gr



18" - 20" FORD 4  
at 20 °C



Ø 1.2 – 1.4 mm  
4-5 Atm  
N° of coats 2



At 20 °C: 24-36 hours  
At 60 °C: 50' – 60'

**NATURE OF PRODUCT:**

Glossy two-component industrial polyurethane finish

**Properties:**

- Good outdoor resistance
- Quick drying
- Good surface hardness
- Good glossy appearance

**FIELD OF APPLICATION:**

Polyurethane finish for general use in industries such as metal carpentry, machine tools, industrial bodywork, châssis and ACE. It is characterized by good drying speed and gloss, aesthetic appearance and good outdoor resistance.

**RECOMMENDED PRIMERS:**

Epoxy and Acrylic primers.

**PREPARATION OF THE SUBSTRATE:**

The product requires the first application of primer of epoxy **193, 190** or acrylic **794**.  
Alternatively, use single-component R.E. primer SINTOFLEX **494** or **490** 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.

Comp. A	<b>K.231 + Coloring pastes</b>	100 parts by weight
Comp. B	<b>CZ.265</b> Polydur Standard	40 parts by weight
<b>Alternatively:</b>		
Comp. B	<b>CZ.280</b> Polydur Fast	40 parts by weight
Comp. B	<b>CZ.269</b> Polydur Slow	40 parts by weight

Dilute the perfectly blended mixture with 10-15% of our polyurethane thinner **D.219 FAST** to a viscosity of 18-20" Ford 4 at 20 °C, or **D.737 STANDARD** or **D.209 SLOW**.

## PRODUCT SPECIFICATIONS:

<b>TYPE OF PRODUCT</b>	: 2K Polyurethane Finish		
<b>APPEARANCE OF THE FILM</b>	: Glossy		
<b>COLORS</b>	: By choice		
<b>SPECIFIC WEIGHT</b>	: 0,98 Kg/l (± 0,05)		
<b>SUPPLY VISCOSITY</b>	: 7" (± 2") DIN 8 at 25 °C		
<b>SOLID % - VOLUME (A+B)</b>	: 45% (± 2%)		
<b>SOLID % - WEIGHT (A+B)</b>	: 55% (± 2%)		
<b>DRYING AT 20°C</b>	- Dry dust-free	:	30' - 40'
	- Touch-free	:	7 - 8 hours
	- Drying in depth	:	24 - 36 hours
	- Forced Drying	:	60' at 60 °C - 70 °C
<b>RECOMMENDED LAYERS</b>	: 1 (cross layer)		
<b>RECOMMENDED-DFT</b>	: 40 - 50 µm		
<b>THEORETICAL YIELD (*)</b>	: 9,2 m <sup>2</sup> /Lt or 8,4 m <sup>2</sup> /Kg at 50 µm dry		
<b>POT-LIFE AT 20 °C</b>	: 4 hours. The pot-life decreases at higher temperatures		

(\*) In 70/30 ratio with P.900

## APPLICATION INSTRUCTIONS:

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## RECOATING:

After 12 hours minimum.

## 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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