

Technical data sheet

Series 431

K.431

SINTOFAST INDUSTRIAL GLOSS



1000 gr +
150 - 200 gr



20" - 22" FORD 4
at 20 °C



Ø 1.4 - 1.8 mm
4 - 5 Atm
N° of coats 2



Drying 20' at 20 °C
Baking 30' at 60 °C

NATURE OF PRODUCT:

Fast-drying Industrial Synthetic Gloss Finish based on Alkyd Resins

Properties:

- Good glossy appearance
- Good drying speed
- Good resistance to atmospheric agents, oils, petrol and fuels in general.
- Easy applicability

FIELD OF APPLICATION:

Fast-drying industrial gloss finish for painting industrial carpentry, metalwork of various kinds, machine tools, agricultural machinery, silos, etc.

RECOMMENDED PRIMERS:

See in substrate preparation

PREPARATION OF THE SUBSTRATE:

- Iron surfaces:** Remove any traces of rust, grease, calamine and humidity by means of thorough mechanical cleaning, followed by degreasing. Apply a coat of our **SINTOFLEX - 494** or **490** series. After 6-12 hours apply fast drying enamel.
- Aluminum:** Sanding followed by degreasing with organic solvents. Apply a coat of **epoxy primer 193** or **190**, or **acrylic 793**.
- Galvanized sheet:** Sand lightly or scour, degrease with solvent, and then apply a coat of **193** epoxy primer, or **793** acrylic.

PREPARATION OF THE PRODUCT:

- | | | |
|--------------------------|--------------------------------|-------------------------|
| Comp. A: | K.431 + Coloring Pastes | 100 parts by weight |
| Diluent ⁽¹⁾ : | D.434 or D.525 | 15 - 20 parts by weight |

Mix until the color and consistency are uniform.

Dilute to the desired viscosity.

⁽¹⁾ For ambient temperatures ≥ 25 °C, we recommend the use of synthetic thinner D.434 only

PRODUCT SPECIFICATIONS:

TYPE OF PRODUCT	: Fast-drying Synthetic Finishes 1K	
APPEARANCE OF THE FILM	: Glossy	
COLORS	: By choice	
DENSITY	: 1,25 Kg/l ($\pm 0,05$)	
SUPPLY VISCOSITY	: 14" (± 3) DIN 8 at 25 °C	
SOLID % - VOLUME	: 50% ($\pm 3\%$)	
SOLID % - WEIGHT	: 61% ($\pm 3\%$)	
DRYING AT 20 °C	: - Dry dust-free	: 20' – 30'
	: - Touch-free	: 4 – 5 hours
	: - Forced Drying	: 30' at 60 °C
RECOMMENDED COATS	: 1 (cross layer)	
RECOMMENDED-DFT	: 40 - 50 μm ⁽²⁾	
THEORETICAL YIELD ⁽³⁾	: 10,3 m ² /lt or 7,9 m ² /kg at 50 μm dry	
RECOATING:	: Wet-on-wet or max within 2 hours at 20 °C	

⁽²⁾ Do not exceed the recommended thicknesses to avoid compromising the regular curing of the film.

⁽³⁾ In 75/25 ratio with **P.900**.

APPLICATION INSTRUCTIONS:

View pictograms Page 1.

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.