

Technical data sheet

Series 431W

KW431

ONE-COAT 1K WATER-BASED



1000 gr +
100 - 200 gr



40" - 60" FORD 4
at 20 °C



Ø 1.3 - 1.4 mm
2.5 - 3 Atm
N° of coats 2



Drying 20' - 30' at 20 °C
Curing 5 - 6 hours at 20 °C
Curing 30' - 40' at 60-70 °C



Protect from frost

NATURE OF PRODUCT:

Water-based 1K semi-gloss finish based on modified acrylic resins.

Properties:

- Excellent adhesion
- Good drying time
- Versatile and easy to apply

FIELD OF APPLICATION:

Single coat product for general use, metal carpentry, agricultural machinery, metal furniture, machine tools.

RECOMMENDED PRIMERS:

See in substrate preparation

PREPARATION OF THE SUBSTRATE:

Iron surfaces: Careful mechanical sanding followed by degreasing with aqueous solutions or organic solvents.

Aluminum: The product has good adhesion only on chromed and phosphochromed aluminum.

For substrates or products to be exposed outdoors, a coat of 494W series or 193W series primer is recommended.

PREPARATION OF THE PRODUCT:

Mix thoroughly until the color and consistency are uniform. Dilute, depending on the system and application conditions, with water to desired viscosity.

PRODUCT SPECIFICATIONS:

TYPE OF PRODUCT	: One-coat 1K WB
APPEARANCE OF THE FILM	: Semigloss
COLORS	: By choice
SPECIFIC WEIGHT	: 0,97 Kg/l (± 0,05)
SUPPLY VISCOSITY	: 134" (±6) DIN 8 at 25 °C

BRILLIANCE	: 75 (± 5) gloss	
SOLID % - VOLUME	: 39% (± 2%)	
SOLID % - WEIGHT	: 37% (± 2%)	
DRYING AT 20°C	: - Dry dust-free	: 20' – 30'
	: - Touch-free	: 5 - 6 hours
	: - Forced Drying	: 30' - 40' at 60 °C - 70 °C
RECOMMENDED LAYERS	: One/two coats	
RECOMMENDED - DFT	: 40 - 60 µm	
THEORETICAL YIELD^(*)	: 8,1 m ² /lt or 7,5 m ² /kg at 50 µm dry	
RECOATING	: Wet-on-wet or max within 2 hours at 20 °C	

(*) In 80/20 ratio with **PW900**.

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 should be dry, out of sunlight 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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