

Technical data sheet

**Series 712**

**K.712**

**ACRILGRIP SEMI-GLOSS**



1000 gr +  
200 gr +  
150 - 200 gr



16" - 20" FORD 4  
at 20 °C



Ø 1.4 - 1.7 mm  
4 - 5 Atm  
N° of coats 2



Drying 15' at 20 °C  
At 70°C: 40' - 50'

**NATURE OF PRODUCT:**

High-quality two-component semi-gloss acrylic resin-based finish.

**Properties:**

- High adhesion on various substrates
- Excellent outdoor resistance
- Good aesthetic appearance

**FIELD OF APPLICATION:**

High-quality, semi-gloss acrylic finish, particularly suitable for machine tools, agricultural machinery, furniture, furniture components and plastics. It can be used directly on the substrate (iron, aluminium, galvanised sheet metal) as it has excellent general adhesion.

**RECOMMENDED PRIMERS:**

See preparation substrate

**PREPARATION OF THE SUBSTRATE:**

**Iron or steel sheet metal:** SA2 sandblasting or sanding followed by degreasing with solvents.

**Aluminum and light alloys:** Sanding followed by degreasing with solvents.

**Galvanized sheet:** Scouring with Scotch-Brite followed by degreasing with solvents.

**ABS, ABS-PC, PUR and thermosetting resins:** Degreasing with suitable solvents.

**P.P.:** Flaming

**PREPARATION OF THE PRODUCT:**

Comp. A:	<b>K.712 + Coloring Pastes (Ratio 80/20 with paste P.)</b>	100 parts by weight
Comp. B:	<b>CZ.265 or CZ.777</b>	20 parts by weight
Or:	<b>CZ.265 or CZ.777<sup>(1)</sup></b>	25 parts by weight

**(1) Catalysis at 25% by weight is recommended if special hardness, chemical resistance and/or solvent resistance is required. You will also get a slight increase in final gloss (2-4 Gloss).**

Mix thoroughly until the color and consistency are uniform.

Dilute with our thinner **D.737** or **D.219** (approx. 20% by weight on Comp. A) up to a viscosity of 16"-18" Ford 4 at 20 °C.

## PRODUCT SPECIFICATIONS:

<b>TYPE OF PRODUCT</b>	: 2K Acrylic Finishes	
<b>APPEARANCE</b>	: Semigloss	
<b>COLORS</b>	: By choice	
<b>DENSITY Comp. (A)</b>	: 1,27 kg/lit (± 0,05)	
<b>SUPPLY VISCOSITY</b>	: 12" (± 2") DIN 8 at 25 °C	
<b>SOLID % - VOLUME (A+B)</b>	: 47% (± 2%)	
<b>SOLID % - WEIGHT (A+B)</b>	: 63% (± 2%)	
<b>DRYING AT 20°C</b>	: - Dry dust-free	: 15'
	: - Dry to touch	: 3.5 - 4 hours
	: - Forced Drying	: 50' - 60' at 70 °C
<b>RECOMMENDED LAYERS</b>	: 1 (cross layer)	
<b>BRILLIANCE</b>	: 77 Gloss (± 5) depending on the color and thickness applied	
<b>RECOMMENDED - DFT</b>	: 40 - 50 µm	
<b>POT-LIFE AT 20 °C</b>	: 4 hours. The pot-life decreases at higher temperatures	
<b>THEORETICAL YIELD <sup>(2)</sup></b>	: 9,4 m <sup>2</sup> /lit or 7,3 m <sup>2</sup> /kg at 50 µm dry	

<sup>(2)</sup> In 80/ 20 ratio with P.900.

## APPLICATION INSTRUCTIONS:

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## RECOATING:

After 6 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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