

Technical data sheet

**Series 711**

**K.711**

**ACRILGRIP GLOSS**



1000 gr +  
330 gr +  
150 - 200 gr



16" - 20" FORD 4  
at 20 °C



Ø 1.4 - 1.8 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 gloss acrylic resin finish.

**This glossy-looking finish features properties of high coverage and adhesion on various metal substrates.**

**Properties:**

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

**FIELD OF APPLICATION:**

High quality finish, particularly suitable in machine tools, operating, agricultural, furniture, furniture components and plastics. It can be used directly on the substrate (iron, aluminum, galvanized sheet), as it has excellent general adhesion.

**RECOMMENDED PRIMERS:**

See preparation substrate

**PREPARATION OF THE SUBSTRATE:**

- **Iron surfaces:** Outdoor-exposed products: to obtain adequate anti-corrosive protections, it is recommended to apply a coat of **193 series epoxy primer** and **793 series acrylic primer**.  
Indoor products: pretreatment with suitable pickling products or alternatively sanding followed by degreasing with solvents.
- **Hot-dip galvanized iron:** Pretreat with adhesion promoter (our **Z.030**) or with passivating.
- **Electro-galvanized sheets:** Scour with red Scotch-Brite and degrease with solvents.
- **Aluminum:** Mechanical cleaning by sanding, followed by degreasing with solvents.
- **Thermosetting resins:** Degreasing with solvents.
- **ABS:** Degreasing with suitable solvents.

## PREPARATION OF THE PRODUCT:

Comp. A:	<b>K.711 + Coloring Pastes</b>	100 parts
Comp. B:	<b>CZ.265 or CZ.777</b>	33 parts
Diluent:	<b>D.737</b>	10 - 25 parts

Mix thoroughly until the color and consistency are uniform.

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

## PRODUCT SPECIFICATIONS:

<b>TYPE OF PRODUCT</b>	: 2K Acrylic Finishes	
<b>APPEARANCE</b>	: Glossy	
<b>COLORS</b>	: By choice	
<b>DENSITY Comp. (A)</b>	: 1,01 Kg/l (± 0,05)	
<b>SUPPLY VISCOSITY</b>	: 17" (± 3") Ford 8 at 20 °C	
<b>SOLID % - VOLUME (A+B)</b>	: 48% (± 2%)	
<b>SOLID % - WEIGHT (A+B)</b>	: 58% (± 2%)	
<b>DRYING AT 20°C</b>	: - Dry dust-free	: 15'
	: - Forced Drying	: 40' – 50' at 70 °C
<b>RECOMMENDED LAYERS</b>	: 1 (cross layer)	
<b>RECOMMENDED THICKNESS</b>	: 40-50 µm	
<b>POT-LIFE AT 20 °C</b>	: 3 hours. The pot-life decreases at higher temperatures	
<b>THEORETICAL YIELD <sup>(1)</sup></b>	: 9,5 m <sup>2</sup> /Lt or 8,5 m <sup>2</sup> /Kg at 50 µm dry	

<sup>(1)</sup> In 70-30 ratio with P.900.

## APPLICATION INSTRUCTIONS:

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## NOTE:

**To obtain the best chemical resistances and high hardnesses, it is possible to proceed with oven drying at 100 °C - 110 °C for 30 minutes.**

To improve adhesion on "critical" metal substrates such as galvanized sheet metal, we recommend the addition of **Z.287** to the extent of 3% - 4 % on Component A.

In the case of sheet metal or structures with new galvanizing and/or shiny appearance, it is recommended to pre-treat with 2K epoxy primer.

## 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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