

*Data sheet*

**704.00020**

**2K MATTE CLEAR ULTRALACK**



1000 ml +  
150 ml +  
200 - 400 ml



16" - 18" FORD 4  
at 20 °C



Ø 1.1 - 1.2 mm  
4 - 5 Atm  
N° of coats 2



At 20 °C: 24 - 36 hours  
At 70 °C: 30'

**NATURE OF PRODUCT:**

**Non-yellowing** two-component clear coat based on hydroxylated acrylic resins and aliphatic isocyanates.

**FIELD OF APPLICATION:**

Characterized by its outstanding direct adhesion to metal substrates (aluminum, copper, brass, zinc, carbon fiber, etc.).

Used in furniture, giftware, component parts, indoor/outdoor items <sup>(1)</sup>.

<sup>(1)</sup> For applications on manufactured goods intended for outdoor use, consult Vernici Caldart R&D Laboratory for guidance on the most appropriate cycle to be performed.

**PREPARATION OF THE SUBSTRATE:**

Remove all traces of grease, moisture, waxes, polishing pastes by thorough degreasing of the surface to be painted.

**PREPARATION OF THE PRODUCT:**

Comp. A:	<b>704.00020</b>	100 parts by weight
Comp. B:	<b>CZ.265</b>	15 parts by weight
Or:	<b>CZ.777</b>	15 parts by weight

Mix until uniform consistency and color; dilute with our acrylic thinner **D.737** or **D.727** to viscosity of 16"-18" Ford 4 at 20 °C.

For electrostatic applications, use the same thinners, up to a viscosity of 14"-16" Ford 4 at 20° C, and if necessary, add electrostatic additive **Z.050**, to the extent of 0,5% - 1% on the paint.

## PRODUCT SPECIFICATIONS:

<b>TYPE OF PRODUCT</b>	: Two-component;
<b>APPEARANCE OF THE FILM</b>	: Matte.
<b>COLORS</b>	: Colorless
<b>SPECIFIC WEIGHT</b>	: 0,95 Kg/l ( $\pm 0,05$ )
<b>SUPPLY VISCOSITY</b>	: 45" ( $\pm 5$ ") Ford 8 at 20 °C
<b>DRY RESIDUE (comp.A)</b>	: 28% ( $\pm 2\%$ ).
<b>DRYING</b>	: - <i>Dry dust-free</i> : 10' - 15' at 20 °C - <i>Print-free</i> : 3 - 4 hours at 20 °C - <i>Forced Drying</i> : 30' at 70 - 80 °C
<b>RECOMMENDED LAYERS</b>	: Two coats (one cross coat)
<b>RECOMMENDED THICKNES</b>	: 40 - 50 micron <sup>(2)</sup>
<b>THEORETICAL YIELD</b>	: 7.3 m <sup>2</sup> /Kg-Lt at 30 microns dry
<b>OPACITY</b>	: 9 ( $\pm 2$ ) Gloss.
<b>POT- LIFE AT 20 °C</b>	: 2 - 3 hours. The pot-life decreases at higher temperatures

<sup>(2)</sup> Thickness recommended for applications on metals that tend to oxidize quickly, such as brass, copper, zinc.

## RECOATING:

Wet-on-wet or after 12 hours minimum. When the film has completely hardened, the surface to be painted must be lightly sanded.

## 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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