Data sheet

701.00020

2K GLOSSY CLEAR ULTRALACK

1000 ml +
330 ml +
150 - 300 ml

16" – 20" FORD 4
at 20 °C

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

At 20 °C: 24 - 36 hours
At 80 °C: 30'

NATURE OF PRODUCT:

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

FIELD OF APPLICATION:

Featuring high gloss and fullness, it is characterized by its outstanding direct adhesion on metal substrates (steel, aluminum, copper, brass, galvanized steel), carbon fiber, etc.
Used in furniture, giftware, component parts, indoor/outdoor items[(1)].

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	: **701.00020**	100 parts by weight or volume
Comp. B	: **CZ.265**	33 parts by weight or volume
Or	: **CZ.777**	

Mix until uniform consistency and color; dilute with our **D.219** or **D.727** thinner to viscosity of 16"-20" Ford 4 at 20 °C.

For electrostatic applications, use the same thinners, up to a viscosity of 14-16" Ford 4 at 20 °C (corresponding to a dilution of about 40%), and if necessary, add electrostatic additive **Z.050**, to the extent of 0,5% to 2% on the paint.

[(1)] 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.

PRODUCT SPECIFICATIONS:

TYPE OF PRODUCT : Two-component;

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APPEARANCE OF THE FILM	: Glossy	
COLORS	: Colorless	
SPECIFIC WEIGHT	: 0,96 Kg/l (± 0,05)	
SUPPLY VISCOSITY	: 33" (± 5") ASTM 4 at 20 °C	
DRY RESIDUE (comp.A)	: 41% (± 2%)	
DRYING	: - *Dry dust-free*	: 15′ – 20′ at 20 °C
	- *Print-free*	: 3 – 4 hours at 20 °C
	- *Forced Drying*	: 30′-45′ at 80 – 120 °C [(2)]
RECOMMENDED LAYERS	: On/Two cross coats.	
RECOMMENDED THICKNES	: 35 - 40 micron [(3)]	
THEORETICAL YIELD	: 6 - 7 m^2/Kg	
POT- LIFE AT 20 °C	: 2-3 hours. The pot-life decreases at higher temperatures.	

[(2)] **To achieve the best performance in substrate adhesion, hardness, chemical and mechanical strengths, carry out drying at 110 °C - 120 °C;**

[(3)] **Thickness recommended for applications on metals that tend to oxidize quickly, such as brass, copper, zinc;**

Pencil Hardness: **HB** (standard ISO 15184) on 100 microns of catalyzed paint, applied on glass and cured 2 hours at 65 °C.

RECOATING:

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

NOTES: any slightly cloudy appearance of the paint in bulk and/or after addition of the hardener does not constitute a defect or abnormality of the paint.

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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